

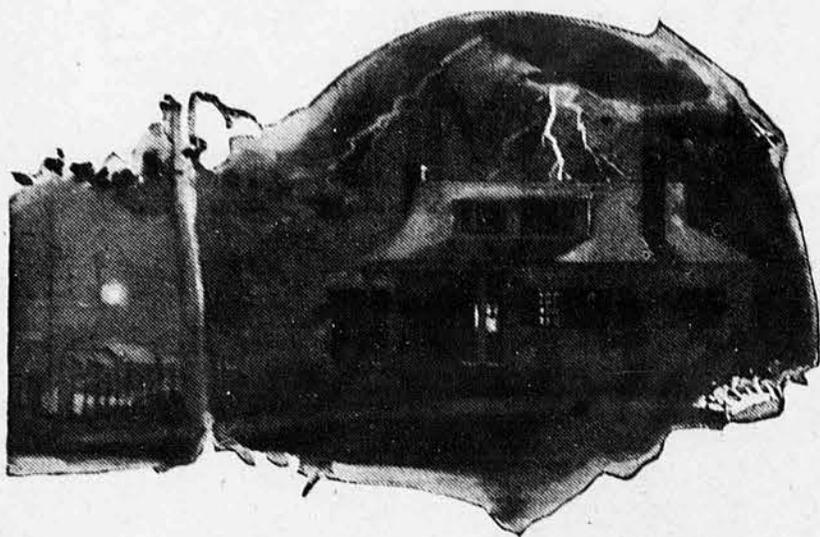
KANSAS FARMER AND MAIL & BREEZE

Volume 62

May 10, 1924

Number 19





Lead makes it safe to telephone

WHEN thunder crashes and lightning flashes about your farm, lead enables you to use your telephone without danger of electrocution.

Lead is the principal part of the fuse used in the modern telephone system. When a lightning bolt reaches the fuse, it melts the lead of the fuse. This stops the current and prevents it from reaching your instrument and you.

Every time you telephone, you summon the aid of lead. Millions of pounds of lead are in soldered connections in telephone exchanges and telephone lines throughout the country. Many more millions of pounds of lead are necessary to provide coverings for telephone, telegraph, radio and electric light cables.



In telephone systems you do not see lead or realize the important work it does. But in paint, lead in the form of white-lead, the basic lead carbonate, and red-lead, a lead oxide, is known the world over. About 850,000,000 pounds of white-lead are used in paint each year, while approximately 20,000,000 pounds of red-lead are applied to metal annually in this country.

Paint cheaper than wood

Farm owners who zealously protect their property know from experience that white-lead gives the surest protection for the surfaces of their houses. Rot cannot destroy the outside surfaces of farm houses that are covered with pure white-lead and pure linseed oil. For painting interior walls and ceilings, pure white-lead and flinting oil give protective finishes of unusual beauty.

White-lead paint for exterior or interior use can be tinted to any desired color.

Rust cannot destroy the metal that is thoroughly protected with red-lead. The maxim, "Save the surface and you save all," applies to metal just as surely as it does to non-metallic surfaces.

Handy Book on Painting

If you want to know how to save the surface of wood, masonry or metal on your farm with paint, write for our *Handy Book on Painting*. This book is a storehouse of paint facts and formulas and will be sent free on request.

Producers of lead products

Dutch Boy white-lead and *Dutch Boy red-lead* are names of the pure white-lead and red-lead made and sold by National Lead Company. On every keg of *Dutch Boy white-lead* and *Dutch Boy red-lead* is reproduced the picture of the *Dutch Boy Painter* shown below. This trademark guarantees a product of the highest quality.

Dutch Boy products also include linseed oil, flinting oil, babbit metals, and solder.

National Lead Company also makes lead products for practically every purpose to which lead can be put in art, industry and daily life. If you want information regarding any particular use of lead, write to us.



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Save the surface and you save all.

New Farm Relief Measure

Capper-Williams Bill Provides for Promotion of Better Co-operative Marketing Systems

BY JOHN W. WILKINSON

THE present Congress has planned much helpful legislation designed to develop and protect the farming industry and no member of that body has been more active in this work than Senator Capper of Kansas. Two of the agricultural relief bills still pending in Congress, to which a grist of many bills has sifted down, are the McNary-Haugen plan of immediate relief by stimulating the domestic price of farm products, and the Capper-Williams bill for the further promotion of co-operative farm marketing. The McNary-Haugen plan proposes a Government corporation with a capital of 200 million dollars, authorized to borrow a billion dollars in the market if needed, to deal in farm products generally as they or any of them fall below the relative price, as is the case now, of most of such products, on the average from 1903 to 1914. With farm prices below this ratio the corporation is authorized to enter the market and buy until the price reaches par with the ratio price. Products so purchased would be marketed later as the corporation was able to sell them, at the ratio price at home or at any price obtainable abroad, losses on export sales to be distributed back among producers.

Purpose of the Bill

The purpose of the Federal Marketing act introduced in the Senate by Senator Capper of Kansas, and in the House by Congressman Williams of Michigan is to provide ways by means of which adjustments can be made more accurately and with less waste, risk, and lost motion, to the end that the price-spread between producer and consumer may be reduced. The act does not provide for the purchase or sale by the Government of any agricultural product, nor for price fixing, artificial stimulation of production, or dumping.

The only permanent solution of lower living costs and higher returns to the producer lies in reducing the margin between producer and consumer, and this margin can only be reduced so far as we can eliminate the waste involved in it. There is a long category of these wastes which accumulate to make our distribution system extremely expensive. They comprise the following:

- 1—An unnecessary number of purchase and sale transactions in the movement of commodities, that is, too many links in the distribution chain and too many persons in each link.
- 2—The waste involved in the shipment of inferior products and the deterioration due to delayed movement and repeated handling.
- 3—Unnecessary transportation thru blind consignment and cross hauls in search for customers.
- 4—Inadequate facilities for expeditious handling, such as poor terminals, car shortages, and the like.
- 5—The uncontrolled distribution by which local gluts and famines are created, with consequent destructive price fluctuation.
- 6—The speculative hazards in distribution induced by all of the above, for which either the producer or the consumer must pay thru larger margins to the distributor.

Three Marketing Agencies

In discussing the bill, Senator Capper said:

"The primary function of the Federal Marketing Board, created by this bill, is to certify, supervise, and link together in an orderly marketing system, three classes of marketing agencies organized on a commodity basis; namely, co-operative marketing associations of producers; co-operative clearing house associations, thru which the producers' associations co-ordinate their commercial activities; and terminal marketing associations operating at distributing centers.

"In the Federal Marketing System developed under the act, the producers' marketing associations will function as commodity inlets to trade channels of which the terminal marketing associations are the outlets, while the clearing houses will assist

in guiding and regulating the commodity movement. By such coordinated agencies, many of the wastes which reference has been made be effectively reduced.

"All associations included in the Federal Marketing System will be accredited thru charters issued by the Federal Marketing Board. Any association heretofore or hereafter formed, that shall meet the requirements set forth in the act, and shall apply therefor, will be granted a charter. And for their mutual protection and in the public interest, chartered associations will operate under the supervision of the board.

"In order to ease the flow of commodities thru trade channels, the act provides for standards and grades, official inspection, dissemination of market information, and the arbitration of disputes by methods instituted or approved by the Board. Provision is also made for market wire service or other adequate means of communication between chartered associations, further, in order to eliminate, insofar as possible, all facilities ready provided by the Department of Agriculture will be fully utilized.

"The Federal Marketing Board, under the Capper-Williams bill, will consist of seven members, namely five members appointed by the President for terms of five years, and two, the Secretary of Agriculture and Secretary of Commerce. Two of the members so appointed will represent the producers' marketing associations and two the terminal marketing associations. The latter will be composed of terminal distributors and the representatives of producer associations and producers' clearing houses. The producer, as the primary creator, is given dominant representation on the Federal Marketing Board.

To Make Local Surveys

"It is made incumbent upon the Federal Marketing Board to encourage and aid in the development of existing associations qualified to operate under the act and in the organization of new associations. For this purpose, it is authorized to make surveys of local conditions in production territory or at terminal markets, view organization plans, and make loans for organization purposes. Links between the Federal Marketing Board and the chartered associations and commodity boards are provided.

"The Commodity Boards, one for each major commodity or group of like commodities that requires and sires to be so represented, will function as advisors to producers' marketing associations and clearing houses on the one hand, and the Federal Marketing Board on the other, and a link between them. The commodity boards will co-operate with the Federal Marketing Board in organizing work. For three years, each commodity board will be maintained at funds appropriated for the administration of the act, unless the organized producers of the commodity voluntarily assume the expense. A commodity board that is maintained by the Federal Marketing Board will be appointed by it from nominees chosen by the chartered producer associations dealing in the commodity. A commodity board maintained by such associations will be named by them directly.

"The clearing house associations function primarily as selling agencies for a particular producing district; as the local co-operative marketing association represents individual producers collectively, so clearing houses represent producer associations collectively. Thru clearing houses, the producers' associations may market their commodities, co-operatively and collectively, in the manner best suited to their needs. The act contemplates the handling of various commodities by different methods. It does not require a hard and fast system. The clearing houses will sell largely thru markets afforded by the terminal marketing associations."

KANSAS FARMER and MAIL & BREEZE

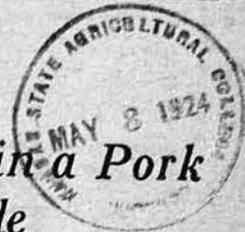
May 10, 1924

By *Arthur Capper*

Vol. 62 No. 19

Ham and Bacon Arithmetic

Alfalfa, Barley and Corn are Combined With Home Grown Pigs in a Pork Making Project on the Lincoln County Farm of E. S. Coyle



By M. N. Beeler

ALFAFA plus barley plus corn plus home-grown pigs equals pork on the farm of E. S. Coyle just west of Lincoln. About the first of March pigs begin to seek sustenance beyond the maternal cafeteria. Mr. Coyle makes preparations for their summer and fall ration of grain. By the time the spring pigs are weaned, alfalfa is ready to pasture. The pigs, the alfalfa, the barley and the corn develop together and go to market at the same time.

Alfalfa Pastured 15 Years

ONE alfalfa field of 9 acres under hog fence has been pastured by Mr. Coyle for 15 years. The land on this tract is about as good as that on a 26-acre field seeded at the same time. The pigs are not permitted to root and the field never is pastured heavily. From 20 to 35 head of purebred Durocs range the 9 acres winter and summer. When the hogs are not numerous enough to consume the pasture the hay is mowed at the same time that on the other field is harvested. Both tracts will be reseeded in about two years.

Mr. Coyle has established a bounty of 20 cents for dead gophers. His son, Donald, has taken the contract for keeping the alfalfa fields clear of these pests. That, no doubt, is one explanation for the endurance of the land.

The A. B. C. of Pork Making

A YEAR'S supply of feed is kept to guard against crop failure. When spring pigs are weaned they are turned on alfalfa pasture and given an allowance of barley grown the preceding season. As soon as the alfalfa has made sufficient growth to provide abundant grazing, in six to eight

weeks, the grain is withheld and the pigs forage for their living until September. Mr. Coyle then resumes feeding barley. After frost they are given a 40 to 60 day finish on corn and alfalfa hay. Spring pigs are held over for the January or February markets and fall pigs go to market in April.

That is the A. B. C. (Alfalfa, Barley, Corn) of ham and bacon arithmetic on Mr. Coyle's quarter section

farm. He makes only the culls from his purebred herd into pork. The rest are developed on the same ration and sold as breeding animals.

Why He Likes Barley

THE barley crop was increased to 30 acres this year by Mr. Coyle. He has been growing 15 to 20 acres since he quit raising wheat in

1915. "Barley is a safer crop than wheat," said Mr. Coyle. "It has been making about twice as many bushels for me as my neighbors have been getting from wheat. It is not affected by winter-killing and some of the spring diseases which damage wheat."

"And the price usually makes it more profitable than wheat, if a farmer cares to sell it as a cash crop. Barley is selling for 75 cents a bushel now and wheat is about 92 cents. I quit growing wheat, because there is no money in it, and put my land in barley and corn."

How This Outfit Cut Costs

BY FRANK A. MECKEL

CUTTING wheat does not spell much profit these days unless costs can be cut along with the wheat.

A. L. Heflin, of Ellis, Kan., is here shown cutting both wheat and costs with mechanical power. He improvised a tractor hitch for his header and built a header barge about three times as big as the average barge. With one tractor he pulled the header and with the other the barge. The outfit made quite a dust fog out in the wheat field, but it cut the wheat in about one third the time it would have taken to cut it with horses, and did it with a smaller crew and for less actual cash. Mr. Heflin is a confirmed power farmer from now on. His local tractor dealer was very helpful to him in working out the problem of a suitable hitch for the header. It's a pretty good plan to get acquainted with your local dealer. You might like him.



How Barley is Provided

BARLEY should not be seeded too early, Mr. Coyle believes. It will withstand cold but a frost will check growth and injure it. "I have become convinced that it should not be planted before the early part of April, probably the first 10 days or two weeks," said Mr. Coyle. "I have been planting earlier than that but it should not be seeded until danger of frost is over."

He plants about 6 pecks to the acre. The crop is ready to harvest just after wheat. None of the grain is sold. It is ground, soaked and fed to pigs on alfalfa pasture or to fattening hogs with alfalfa hay.

Pigs Eat Hay in Winter

HAY harvested from the alfalfa fields is stacked in the 9-acre hoglot and the porkers are permitted to eat of it at will. Spring pigs begin using the hay after frost has nipped the green plants in the field. They are fattened on barley, corn and alfalfa hay. The hay replaces a protein supplement. But the pigs likely would make better gains if they had a light allowance of animal protein.

A Belgian and Her Progeny

By A. P. Atkins

WHAT it is possible to develop a high class stud of horses from a very small beginning, has been demonstrated by the department of animal husbandry of the Kansas State Agricultural College. In 1916, the department founded its Belgian stud by the purchase of an 8-year-old mare and her daughter. There are now on the State Agricultural College farm three daughters, two granddaughters, and a grandson of the mare, besides the mare herself and a gelding from her.

The Desired Type of Mare

The Belgian mare, Mirza de Bou 29 (A), was foaled June 2, 1908, and imported by George W. Souers & Sons. She was purchased, together with her daughter, Bernadine, from Joseph Ade of Brook, Ind., in 1916, with the intention of founding a Belgian stud from her. Breeders throughout the country were attempting to modify the old Belgian type horse, in order to produce growthier, stretchier individuals, more suited to American conditions and demands. This mare was recognized as representing the desired type, having been a champion at various local fairs in Indiana, although shown at a state or national fair anywhere in the United States. Bernadine 3909 (B), by Garcon 6233, was foaled April 14, 1913. She was the grand champion at the Kansas State Fair at Topeka, and the year following, at the same show, stood second in class to a mare that later

was made grand champion of the International Livestock Exposition at Chicago. Mirzelle 8023 (C), out of Mirza de Bou, and by Imported Collart 8706, was bred by Kansas State Agricultural

Sunlight for Baby Chicks



SUNLIGHT plays an important part in the growth and development of chicks, experiments conducted at the agricultural college indicate. An outside run where the chicks are exposed to direct sunlight as soon as they learn to return to the warmth of the brooder is recommended. When hens are used for brooding, the chicks may be permitted to run outside from the first. Chicks 2 weeks old, with access to open range and plenty of green feed, may be hopper fed on dry mash.

Whole wheat and kafir may be gradually added to the grain feeds. Where possible, brooder houses and broody coops should be placed in new locations each year so as to avoid contamination from the outside runs. This sanitation provision applies particularly to the control of intestinal parasites, K. S. A. C. poultrymen advise.

College and was foaled August 2, 1919. As a yearling, she was grand champion at both the Kansas Free Fair at Topeka and the Kansas State Fair at Hutchinson.

Farzelle 9219 (D), another daughter of Mirza de Bou, was foaled July 1, 1921. She was also bred by the college, her sire being the famous \$47,500 Farceur 7332, then in the stud of C. G. Good of Ogden, Ia. Farceur was the greatest Belgian stallion ever imported to this country. Thru Mr. Good's kindness, the college had two mares bred to Farceur in 1919.

A Daughter by Famous Sire

One of the colts by these matings was Farsar 11944, grand champion at the American Royal in 1922 and now at the head of the college stud. In 1921, Mirza de Bou and two other mares owned by the college were bred to Farceur and from this mating, Mirza de Bou produced the filly Farzelle, a grand champion at both Kansas fairs and the American Royal in 1922.

Rose D'Or 9218 (E), a daughter of Bernadine and by Murdock D'Or 9926, was bred by Kansas State Agricultural College and was foaled June 27, 1921. This mare never has been shown but is considered an excellent individual and a valuable member of the college stud.

Colgodine 13429 (F), a son of Bernadine and by Colgo 11942, bred by Kansas State Agricultural College and foaled March 20, 1923, is a phenomenal (For Continuation Please See Page 11)

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Passing Comment—By T. A. McNeal

THE announcement is made with some definiteness that there will be an adjournment of Congress by June 1. This hardly seems possible, but in view of the strenuous campaign ahead of the President and members of Congress, both Senate and House of Representatives, there will be a strong effort made to bring about an early adjournment. There are three measures of paramount importance pending. First among these is the revision of the tax law; the House passed a compromise bill differing essentially from the Mellon plan but also differing essentially from the plan suggested by the Democratic leaders.

The Senate Committee to which the House tax bill was referred by a majority of one, reported back as a substitute for the House bill, the Mellon plan which is favored by President Coolidge. It is certain, however, that this cannot pass the Senate and while the House bill may be amended in some particulars it will be that bill, in substance, which finally will pass.

But here arises a complication; both bodies have passed two bills which will materially increase Government expenses; the Bonus bill and the Burson Increase of Pension bill. The Bonus bill will require somewhere between 2,200 million dollars and 3,200 million dollars, the estimates varying quite widely between the figures of the advocates of the bill and its opponents.

It is agreed, however, that the bonus will necessitate an increase of Government expenses for the coming fiscal year of more than 100 million dollars, the remaining expenditures occasioned by the bill if it becomes a law, will be distributed over a period of 20 years.

Europe and Coolidge

THE notable speech of President Coolidge made last week, has excited a good deal of comment in Europe. France seems to regard it as propaganda for home consumption, while England seemed quite favorably impressed. President Coolidge urged the acceptance of the Dawes plan of reparations but Poincare, speaking for France, insists that first Germany shall raise 800 million gold marks, approximately 200 million dollars, and pay the cash before France will relinquish her economic hold on the industrial section of Germany.

Japs Take Their Medicine

JAPAN has decided not to adopt any retaliatory measures against the United States nor other nations excluding Japanese immigration. Of course any retaliatory measure Japan could enact would almost certainly do Japan more harm than good and the Japanese statesmen are wise enough to know that. However, they are turning their eyes toward Mexico and South America to those countries from which Japs are not excluded.

I venture the opinion that an influx of industrious Japanese into almost any of the Central or South American countries, or Mexico, would be of material benefit to those countries.

Brief Answers to Inquiries

CLARENCE—If you are afflicted as you say with a bad breath, that of course is not necessarily your fault, but neither can you blame the young lady for objecting to it. The only thing I can suggest is that you refrain from using your breath while in her presence. If you feel compelled to breathe, excuse yourself and go outside the house.

SCHOOLGIRL—The stanza of which you ask the authorship is not from Gray's Elegy as you seem to suppose. It is taken from Shakespeare's "Twelfth Night" in a small town hotel in Oklahoma, and reads as follows:

"The June bug it hath gauzy wings,
 The lightning bug hath wings of flame,
 The Bedbug has no wings at all
 But it gets there just the same."

TRUTH SEEKER—The term "Shakers" has no reference to the evil practice of throwing dice for the drinks or other pernicious purposes. It is the name of a religious sect which had its start in

a malarial region where practically everybody had the ague.

STUDENT—A professional economist is one who looks as if he knew a great deal more than he does know and who can talk in such way that those

Out to the Great Unknown

BY LEYLAND HUCKFIELD

(In this poem Mr. Huckfield limits the story merely to the Mormon migration, but to a considerable extent it is the history of all races and religions in the Winning of the West.)

THROUGH great sun-blinded valleys where bones of the lost are strewn,
 To lurching of white-topped wagons and din of household pans,
 To lowing of stumbling cattle, whip-crack, and bitter groan,
 The Mormons march with the God of Hosts in the dust of their caravans.

Their broad-brimmed hats with the tattered rims are white with the alkali,
 They ride in a cloud with the sun before like an olden lure of flame;
 They thirst and choke while the women crouch by pallets where madmen die
 Thru arrow, and fever, and fortune thrust for the glory of God's name.

Ever and ever the scouts drift in with long black guns unslung,
 With tangled beards and red-rimmed eyes, eyes that have out-stared Death's own.
 And the wagons wheel as the horses leap, urged on by lash and lung,
 And the charging Kiowas divide on a ring of fire-flecked stone.

Arises a chant where flame-beds glow to the God of the Sons of Dan;
 Deep coulees throb to thundering hymns that shake the prairie sod;
 And the vast black night that closes down like evil doom of Man
 Quivers long to a battle song of the grim old Mormon God.

For these are the Men of the Covenant, of the Word and Avenging Sword,
 They ride to the blast of Gabriel, on way to a goodly vale,
 By trails of death, by lonely plains, past floods with never a ford,
 They follow a splendid prophecy, a flame, and a Holy Grail.

And the word of the prophet is certain; they shall build an abiding-place,
 They shall make them another Jerusalem, with a tabernacle of prayer;
 And the Men of the Lord shall raise them up new seed of a mighty race
 And the Sword of God shall go with them wherever the bugles blare.

There are bones where the wagons rumble, there are skulls in the prairie grass,
 But on they roll thru storm and sun in the might of a firm accord;
 For the Sons of Dan shall greatly thrive whenever it comes to pass
 That they raise them a splendid city to the glory of the Lord.

who hear him cannot understand and at the same time make them believe that his remarks must be profound because they cannot be understood.

YOUNG LOVER—If the girls' father has notified you that he will kick you out of the house if you come back again and if he is as large, lean and vigorous a man as you describe him to be, I think I would take him at his word; that is unless you feel in need of involuntary exercise.

DISTRESSED YOUNG LADY—I admit that your father did not show that tender and sympathetic spirit that might be expected of a parent when he was informed that your suitor, Adolphus had threatened to hang himself if refused permission to call upon you, and replied that it was right with him, if Adolphus would select some other place for suicide, but that he didn't want him to be hanging 'round his house. Still if the young man Adolphus fits his name I cannot see that I blame your parent.

ANNOXED WIFE—There are two ways in which you can prevent your husband from snoring; one is not to permit him to go to sleep and the other is to hit him heavily on the head with a mallet after he sinks to slumber. Many husbands, however, raise what seem to them to be valid objections to either method.

The Scales of Justice

THE other day I visited police court and watched the faces of the motley crowd. The police court is a good place to study human nature, at any rate certain phases of it.

I was struck particularly with the appearance of one poor derelict. He seemed to me to have the face of a hunted animal; there was in it a hope, very little intelligence and the lines of wear and dissipation were plainly marked. He was simply human wreckage. What ought to be done with him?

Evidently our system of dealing with such as he has been a failure. He is brought into court with no friends, no defenders. His conviction is a foregone conclusion. He is given a fine or a jail sentence. At the end of 30 or 60 days he is turned loose again, no better, perhaps a little worse, possible than when he went in; a menace to the peace of the community; he is arrested again within a few days and the process is repeated. No under our present system there is nothing to be done but arrest him again and again; there is nothing for the police judge to do, but sentence him again to jail and so the hopeless circle remains.

Now I never have known a boy who did not have more of good than bad in him at the start. Some boys are naturally inclined to be idle, worthless and even vicious. Some are inclined to be liars, and thieves and some are inclined to be cruel, but along with these evil tendencies there always is some redeeming quality if you only know how to find it and that quality is always capable of development. I never have known a boy who did not like praise, indeed some of his worst actions are prompted by a desire to be considered superior. The boy may be a bully because he wants to be considered a powerful fellow; he may be a liar because he wants to make the person he is talking to think he is smarter than he is; he may be a coward because he is cowardly and fears to tell the truth.

Now if that boy is just let drift his worst tendencies are almost certain to get the better of the few good tendencies he has and the boy turns out to be either a worthless or criminal citizen.

Shall We Abolish Prisons?

SOME extremists say that we should abolish prisons, jails and police. I do not agree with that at all. No matter who may have become a criminal in the first place for a man becoming a criminal, after he has become one, society must be protected from him by force. What I am trying to show is that our system of dealing with children is at fault; our system of dealing with young men and young women is at fault and our system of dealing even with confirmed criminals is at fault. I believe it is possible with proper environment and education to do away with 90 per cent of the crime in this country.

Training of Children

IT IS a lot easier, however, to say that if children were properly trained and surrounded with a proper environment nearly all of them would become decent and useful citizens than it is to determine just how they should be trained.

few people comparatively speaking, are fit to raise children. They themselves are the victims of a faulty system and cannot get entirely away from it. A large majority of people do not know much about anything and especially they do not know much about raising children.

There are also a good many people of education and brains who do not know any more about raising children than the most stupid and ignorant. They wish to mold each child according to their own particular plan and it won't work, for each child is a different problem from every other child and can't be solved by just the same formula. Some of these well meaning and generally intelligent persons are too kind and others are too harsh and one extreme is just about as bad as the other. All children and most grown-ups need discipline but each requires a different kind of discipline.

Standards of Right

TO SAY that each child is a different problem from every other child does not mean that there are no standards of right and wrong. There are a good many standards that seem to me entirely artificial but there are some things I consider eternally right. One is that no person has a right to needlessly give another pain. Another is that no one should cheat another in any transaction great or small; this is proved by the fact that no one wants to be cheated.

When you sell anything to another it should be just as represented by you; if it is not fully as represented then you have cheated the buyer and to the extent that you have cheated him you are a swindler and a thief.

In this respect you ought to be better than the law requires you to be; if you sell an article to another which he examines before buying and there is a defect in the article which you know about and which he might see but does not, he cannot recover anything from you afterward by reason of this defect. You are in the clear so far as the law is concerned, but you are dishonest just the same unless you tell the purchaser just what the defect is.

You are under no greater obligation to other people than you are to yourself and have no more right to permit yourself knowingly to be cheated, if you can prevent it than you have to cheat.

The ideal citizen is not the man who permits himself to be imposed upon, but deals justly with other people and insists on justice to himself.

Reformation Always Difficult

ON THE farm I have seen all sorts of colts, some nervous, high strung, easily excited; some stupid and some that learned easily, some inclined to be balky, others inclined to be vicious; but never have I seen a colt that if taken at the right time and trained the right way did not make a useful horse. On the other hand I never have seen a horse once thoroughly spoiled that afterward was reformed. I am inclined to think the same rule applies generally to men. I have a theory that any child, whatever its natural tendency, can be trained to usefulness if the right

sort of trainer gets hold of it at the right time and has it in charge during the formative period and on the other hand I have little faith in the reformation of any individual who has once been thoroughly spoiled and perverted.

High Ideals Essential

WHEN I speak of justice I know that is a relative term; there is no such thing in the world I suppose as absolute justice. I mean justice so far as it is humanly possible. This kind of justice requires a high degree of courage and a high degree of unselfishness.

The timid person may be just to other people but cannot be just to himself. The very selfish man cannot be just to others or himself.

Now the ideal of justice can be presented to every boy so that he can understand it but comparatively few persons know how to get that idea implanted in the minds of all sorts of children.

Farmers' Service Corner

READERS of Kansas Farmer and Mail and Breeze are invited to ask questions on legal problems or on any other matter on which they desire information. This service is free. The tremendous demand for this service makes it impossible for us to print all of the answers, but every inquiry will be answered by mail.

What is a Valid Deed?

A and B are husband and wife. Instead of making separate wills or a joint will they make a joint deed giving to their three children equal shares in their real estate, reserving for themselves the full possession, rents, and profits for their natural life time. A and B do not have this deed recorded for 20 years afterward when at A's death it is taken from a bank box by B and put on record. Five years after A's death B dies. The real estate has been kept clear of mortgage and taxes and A and B died out of debt. Is the deed valid in law? It was a warranty deed. J. D. S.

I am of the opinion that it is a valid deed when delivered and placed on record. It did not become a transfer until the deed itself was delivered as delivery is essential to validity of the deed, but if it was properly executed in the first place and I assume it was, as soon as it was delivered by one of the makers thereof, and transferred to the grantees it became a valid deed.

Lawful Colorado Fence

Can you give me the Colorado law on fences? If a man adjoining your land fences his land can he compel you to pay him for half of this fence which runs along the side of your place when you are not using the land and do not care to have it fenced? C. L. O.

A lawful fence in Colorado is:

1—A post and board fence made of sound posts not less than 5 inches in diameter set not more than 8 feet apart with three boards of inch lumber 8 inches wide or four boards 6 inches wide and not more than 6 inches apart securely fastened.

2—Three pole fence of sound poles not less than 2 inches in diameter at the small end.

3—Three barb wire fence with posts not more than 60 feet apart with stays between not more than 10 feet apart or 33 feet apart with one stay between.

4—Two barb wires with a pole at the top not less than 2 inches in diameter and wired at each end to posts not more than 8 feet apart.

5—Four plain wires with posts not more than 50 feet apart and not less than 5 inches in diameter with stays between not over 10 feet apart.

All legal fences must not be less than 4 feet 6 inches in height.

In partition fences, landowners must each build half of a partition fence and if either refuses, the other landowner may after due notice build the fence and collect for the expense of the same but the landowner may turn his land out to commons just as he can in Kansas. If he does this he is not compelled to build his half of the partition fence but in that case he could not restrict anyone from turning their stock upon his land.

Herd Law Not Repealed

1—Was the Kansas herd law ever repealed? 2—Is it legal for telephone and electric light lines both to be placed on the same pole, the result being that one cannot hear what is said over the telephone on account of the humming? A. C. W.

1—The herd law has not been repealed but in effect it has been made practically inoperative. The 1911 legislature amended the herd law so that any person owning land may build a fence around one-half of his boundary line and compel his neighbors to erect the other half of the division fence.

2—There is no law forbidding the placing of telephone wires and light wires on the same pole but if the telephone company has contracted to furnish telephone service and does not do so it would be liable to its subscribers for failure to fulfill its contract.

Naturalization in Canada

Does one have to take out full naturalization papers in Canada to entitle him to take up land? If A has taken out these papers and later returns to the United States would he have to take out naturalization papers to be a citizen of the United States? I have been told being out of Canada for a period of three years these papers have to be renewed if he returns to Canada, before he is entitled to rights there again. This led me to believe they might be full naturalization papers and at their expiration they would be void. S. M. B.

I do not happen to have the naturalization laws of Canada at hand but my understanding is that it would be necessary before he could take up Government land there that he should become a citizen of Canada. If one has become a citizen of Canada he has thereby separated himself from citizenship in the United States just as one who becomes a citizen of the United States foresees all allegiance to any other prince, power or potentate and in order to be restored to citizenship he would have to go thru the same process as any other alien.

What your informant probably had in mind was the necessity for taking out final citizenship papers within a certain time and if the party failed to do this he might lose the rights he had under his declamatory papers.



A Debt of Honor Acknowledged

CONGRESS acknowledges the Nation's debt of gratitude to the service veterans of the World War. With no thought of partisan politics, the Adjusted Compensation act passed overwhelmingly in both houses. In the House, 553 votes were recorded for it, and but 57 against. In the Senate 67 favored it, while 17 were in opposition. My vote was cast with the 67.

The act provides cash payments to veterans whose adjusted compensation, under the terms of the act, amounts to \$50 or less; and paid-up 20-year endowment insurance certificates to veterans whose term of service entitles them to greater compensation than \$50. At the end of the 20 years, the veteran or his heirs will be paid the sum of the certificate plus 4 per cent interest on each year's cash value, compounded.

Basis of Compensation Allowed

Compensation is to be computed on the basis of \$1.25 for every day of overseas service and \$1 for each day of home service, the first 60 days being exempt from compensation credit.

Liberal loan features are provided. The Act enables any veteran to borrow within 90 per cent of the current cash value of his "adjusted service certificate" or policy, at any time after the certificate has been in effect two years. Banks making loans on a veteran's certificate may not charge interest in excess of 2 per cent in addition to the current rate of interest or discount, on loans to banks from the Federal Reserve bank. That is to say, banks are restricted to 2 per cent net interest on loans to veterans' certificates.

These compensation certificates are exempt from estate and federal taxation and from execution under court judgment.

The measure as enacted had the approval and support of the American Legion.

During the debate in the Senate various amendments were offered. The National Commander of the Legion, speaking in behalf of the service men's organization, issued an appeal that the bill be enacted without amendment. Amendments, he said,

might prejudice the final passage of the act which he described as in harmony with the view of service men as expressed at the last national convention of the Legion.

What will it cost? Estimates place the total cost of the Act as passed at 2,119 million dollars, spread over a period of 20 years.

Expenditures for the first year will be greatest because of cash payment of service credits to veterans entitled to \$50 or less compensation. It is estimated that 135 million dollars will retire all obligations accruing under the Act for the first year.

This 135 million dollars is not one-twentieth part of the money the American people spent last year for cigars, cigarettes and tobacco.

It is not quite an eighth part of the sum spent for candy. It is scarcely a twenty-fifth part of the sum we spent joyriding and at the seaside and mountain resort and race track.

Luxuries Cost Us 24 Billions

Our total expenditure for luxuries last year is estimated at 24 billions. The 20-year total cost of adjusted compensation provided in the Act as passed, is less than 2 1/4 billions!

Ten per cent of our luxury bill last year—a dime out of the dollar—would pay the entire cost of this measure of justice to the veterans of the World War!

And bear in mind we are not chargeable with the entire cost in one year, but in 20 years. We pay each year—not a dime out of our luxury dollar—but one-half of 1 cent!

Yet we have been told that this wealthy nation could not afford adjusted compensation—the only ally nation, wealthy or war-poor, which did not provide substantially and promptly for the men who heeded its call!

The entire cost of adjusted compensation—less than 2 1/4 billions—is about what another three or four months of war would have cost us if the Hindenburg line in the Argonne Wood had held; if the Yankee divisions had "dug in" for another winter instead of charging that deadly forest in defi-

ance of its machine gun nests, its withering barages and its devastating gas clouds.

To have heard some objectors of the bonus talk, had the war gone on thru another winter, we should have had to cable the boys—

"Surrender. Make the best terms you can and get home the best way you can. We're thru. We can't afford another Liberty loan. We need our billions for chewing gum and candy and joy rides and for betting on the ponies."

It is true that economy in government—rigid and unsparing—is imperative, if costs of government are not to become a strangling embargo upon national enterprise and industry. It is true that the future well-being of the service veteran equally with that of all other citizens would be seriously affected by reckless and improvident spending.

A Just Obligation Acknowledged

However, adjusted compensation is neither reckless nor improvident. It is the acknowledgment of a just obligation and provision for its payment on a basis that levies no strangling tax upon productive enterprise.

The obligation is not the less sacred that it is a debt of honor—a testimony of the Nation's esteem and gratitude—rather than a debt less binding, for which a bond and forfeit has been pledged. It is neither a dole nor charity nor alms. It is not pay for sacrifice. It is not a cash appraisal of patriotism. It is rather an acknowledgment and a recognition of that sacrifice and that patriotism. It is an assurance to the veteran that the Government and the people for whom he gave the strength of his youth will not abandon him in his later years to penury.

Economy—true economy—is not in repudiating nor defaulting obligations such as these. That would be a kind of extravagance the American people never have been gully of and I am certain never will be.

Arthur Capper

Washington, D. C.

News of the World in Pictures



King Ferdinand and Queen Marie, Rulers of Rumania, at the Grave of the Unknown Soldier of France, During Their Recent Visit to Paris



Ex-Senator Chauncey Depew of New York, Chairman of the Board of the New York Central Railroad, Who Was 90 Years Old on April 23



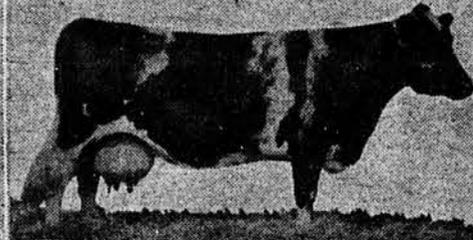
Station Where All California Tourists Are Fumigated to Check Foot and Mouth Disease



John W. Davis of West Virginia, Candidate For Democratic Nomination For President, Who Is Gaining in Strength



President and Mrs. Calvin Coolidge on Their Train En Route From New York City to Washington After He Addressed the Associated Press



Grace Konigen, Montana Holstein, World's Champion Among Cows 10 Years Old or Over; Record 32,294.4 Pounds of Milk Containing 1,051.9 Pounds of Butterfat

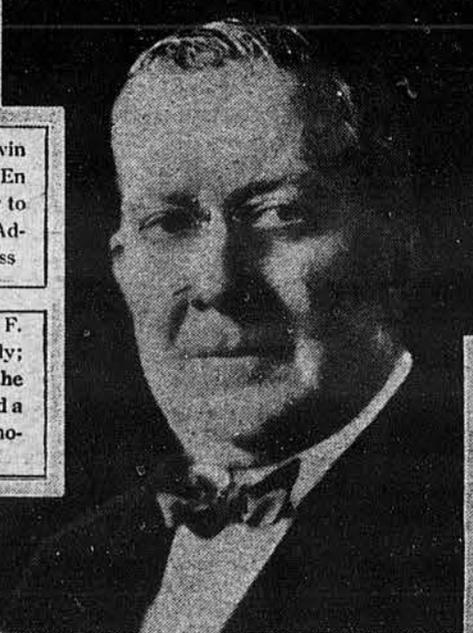


Heir of Richest Man in the World, Edsel B. Ford, in Golf Costume at Hot Springs, Va.



Potatoes in Bloom on the Farm of F. Isaason Near Fairbanks, Alaska; Truck Crops Are Growing in Popularity There

At the Right is Charles F. Murphy, Who Died Recently; He Has Been Chief of the Tammany Organization and a Leader Among Eastern Democrats Since 1902



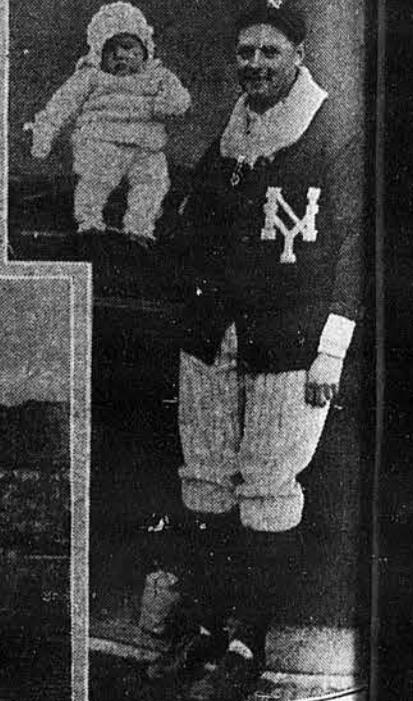
John D. Rockefeller, Jr., Walking Home After His Easter Address at Baptist Church



Patrick O'Keefe of Killarney, Wounded 16 Times During the Battle of Jutland, While Serving in English Navy; He Is Now in the Salvation Army in New York City



This Beautiful View Was Photographed in Apple Blossom Time Near Canyon City, Colo.; It is a Wonderful Fruit Country



Master Harry Hoyt and His Dad, Walter Hoyt, Attend the Opening of the Yankee Stadium Season

But Sorghums "Came Thru"

TESTS on growing sorghums have been conducted by M. R. Baker, of Sharon Springs since 1919 in co-operation with R. E. Getty the Hays Experiment Station. Good results have been obtained with Leoti Red, Early Sumac, Amber and Black Amber sorghums, Pink and Dwarf Yellow milo.

That Wasn't a Bad Hatch

RECENTLY Mrs. Everett Day of Basil set 316 Rhode Island Red eggs in an incubator, and of these 281 were fertile. She hatched 275 chicks. Twenty-five chicks from another hatch placed with this lot, and three weeks later still had 300 growing chickens.

Distributing the Farm Manure

BY PAUL SCHOPFLIN

DISTRIBUTING manure fineness and evenness are greatly to be desired and can best be obtained thru the use of a manure spreader. This is especially true if small amounts are to be distributed over large areas. Also a spreader saves the labor cost by about one-half.

Manure may be plowed under if considerable clumps between the time of application and the seeding of the crop. Under Kansas conditions manure should not be plowed under just before seeding as much moisture is required to break the manure and it tends to give rise to a hard seedbed. Manure may be used most profitably as a surface application for alfalfa and hay crops and also for wheat. For corn and sorghum the application should be made during winter and early spring on fall-plowed or fall-plowed land. Even when plowed under manure should remain near enough the surface so that it will decay readily.

The reinforcement of farm manure by the addition of a commercial fertilizer is often advocated as a means of checking losses. Figures from cultural experiment stations all over the country have shown that this advantage from a combination treatment is very doubtful but the addition of a commercial fertilizer undoubtedly valuable because it balances the nutrient content of the manure. Acid phosphate should be applied at the rate of about 40 to 80 pounds to the ton of manure while 75 to 100 pounds to the ton give the best results in the case of rock phosphate.

The rate of application of manure is determined by the supply but a basis should be adopted to calculate from. In Eastern Kansas the profitable application is about 10 tons to an acre. In Central Kansas 5 tons will be sufficient, while in the western part of the state 4 tons usually will give best results.

Experiments have shown that manure produces good results on alfalfa but as commercial fertilizers are almost equally efficient on alfalfa, manure should, as a rule, be saved for some other crop. A series of experiments conducted by the Agricultural Experiment Station show that corn grown continuously from 1911 to 1923 needed an average yield of 19.9 bushels an acre without manure and 26.8 bushels when 2.5 tons of manure an acre were applied annually. In rotation with alfalfa and wheat the average increase from the use of manure was much less.

Continuous wheat production for 13 years showed an average yield without manure was 15.5 bushels an acre while the average yield from land receiving 2.5 tons of manure an acre annually was 25 bushels. When wheat was grown in a rotation with a legume and corn the average increase was 2.5 bushels an acre.

Alfalfa grown continuously for 13 years with manure produced an average annual yield of 10.5 tons, while the average yield from land receiving 2.5 tons of manure an acre annually was 10.5 tons. However, the increase in the yield of alfalfa from the use of acid phosphate has almost as great and since manure contains a large amount of nitrogen and a small amount of phosphorus and since the alfalfa plant can obtain its nitrogen from the air, manure should be applied to the grain crops which generally need more nitrogen than many of the soils contain.

Another Convert to Irrigation

W. DAVIS of Greensburg has constructed a large water reservoir from which he will irrigate 20 acres of alfalfa.

The Gold Came Our Way

THE year 1923 the United States exported \$1,000 million dollars of goods; we imported \$1,000 million dollars of goods. There was thus a balance in our favor on the movement of goods to the amount of \$1,000 million dollars. Parallel with this movement of actual commodities were what have been called in this summary the "current invisible

items" in which we paid out in foreign countries thru our tourists, thru remittances of immigrants thru payment for foreign shipping and services of one kind or another, a total estimated at 1,162 million dollars. On the other hand we received estimated interest on moneys owed to us by foreign investors and by foreign governments, together with payments for the use of our ships by foreigners and by expenditure of foreigners in the United States approximately 792 million dollars. Therefore on these items of current invisible exchange we had a net balance against us estimated at 370 million dollars.

Thus, if at this point we deduct the favorable balance which we received on our merchandise business, we find that from items of merchandise and current invisible exchange our favorable balance is reduced to approximately 19 million dollars.

During the year there were large movements of capital. In this movement of capital foreigners apparently bought 394 million dollars of our securities, and 50 million dollars of our currency, and paid 91 million dollars on debts due to our Government, or an estimated total of 535 million dollars. On the other hand our citizens bought foreign securities to the net extent estimated at 410 million dollars. In other words, during the year the net interchanges of capital show that we received as estimated 125 million dollars more than we placed abroad.

In precious metals we exported 101 million dollars and we imported 397 million dollars or we received a net balance of 296 million dollars in gold and silver.

It might be stated that this gold shipment to us served to settle the 19 million dollars owing us on the balance of goods and current invisible items as above, together with the estimated balance of 125 million dollars net excess of invest-

a limited grain ration on pasture will not be fat enough for market at the end of the pasture season. From 50 to 60 days full-feeding is necessary to secure the desirable finish.

2—Full-feeding on pasture from the start. Fall farrowed pigs should be full-fed from the start. A test conducted at the Kansas Agricultural Experiment Station shows very strikingly the value of tankage fed with corn to pigs on alfalfa pasture. The pigs weighed 72 pounds each at the beginning of the test, and were fed 120 days. There was a very decided difference in daily gains and feed required in producing gains in these two lots. The pigs receiving no tankage gained $\frac{1}{4}$ of a pound each daily while those receiving $\frac{1}{4}$ of a pound of tankage a head daily in addition to the same amount of corn, gained 1.25 pounds each a day. The pigs receiving no tankage required 444.86 pounds of corn to produce 100 pounds of gain but the pigs receiving $\frac{1}{4}$ of a pound of tankage in addition to the same amount of corn required only 337.05 pounds of corn and 20.19 pounds of tankage to produce 100 pounds of gain. In this test, each pound of tankage fed saved 5 pounds of corn. Furthermore, the pigs receiving tankage in addition to corn and alfalfa pasture were ready for market nearly two months earlier than were the pigs receiving only corn and alfalfa pasture. The addition of the proper amount of tankage to a grain ration fed either in a dry lot or on pasture reduces the cost of production and increases profits in hog feeding operations. Older hogs need less protein in proportion to their weight than younger hogs. One-fourth of a pound of tankage a head daily when on pasture and $\frac{1}{2}$ pound a head daily in a dry lot will meet the protein requirements of hogs of different ages.

There is probably no other one factor so important in the production of hogs as pasture, particularly in making pork out of spring pigs, because pasture crops are rich in both protein and mineral and contain vitamins which seem to stimulate and regulate all bodily functions. For these reasons, pastures should be provided in abundance over as large a part of the year as possible. The most valuable of all pasture crops is alfalfa. Besides its value in stimulating thrift and development by furnishing protein, minerals, and vitamins, an acre of good alfalfa pasture has a feeding value equivalent to approximately 40 bushels of corn.

He Believes in Legumes

AT INDEPENDENCE, Kan., H. Kindefather, who believes in legumes, has found that Sweet clover is very valuable as a soil-improving crop. He has been able to increase wheat yields greatly on land which has been in this legume. One year he had 4 acres of Sweet clover on which he pastured three cows and four horses all summer and later harvested 22 bushels of seed.

Sweet Clover for Bottom Lands

BY EUGENE OTT

MY FIRST experience with Sweet clover was in the spring of 1917 on some heavy black land in Sedgwick county. The ground was plowed, disked and harrowed, sowed about 15 pounds to the acre and the seed harrowed in. It sure was a fine stand. When it got up about 2 feet high we mowed it and stacked it quite green. The next cutting was much heavier and taller but made fine hay. We had our alfalfa plowed up that year and the Sweet clover filled the bill. The cattle ate it just fine.

I stacked the last cutting quite green and put considerable salt on while stacking. That burnt some in the stack and the cattle liked it the best.

The next spring the Sweet clover came out early and made a lot of pasture. I put 20 head of cattle on the 20 acres of clover and only close to the gate did they keep it down to a foot high. On the back of the field it was waist high by the middle of June when I took the cattle out so it would make a seed crop.

When the seed was ripe I cut it with a binder. It cut just fine where the cattle kept it down around by the gate but farther back it was too high and didn't elevate well. From this I found it was best to get all the cattle one could get and let them eat it down till the first of June. Then it cuts fine with a binder and makes more seed. When you cut a seed crop you don't have to worry about sowing any more for several years.

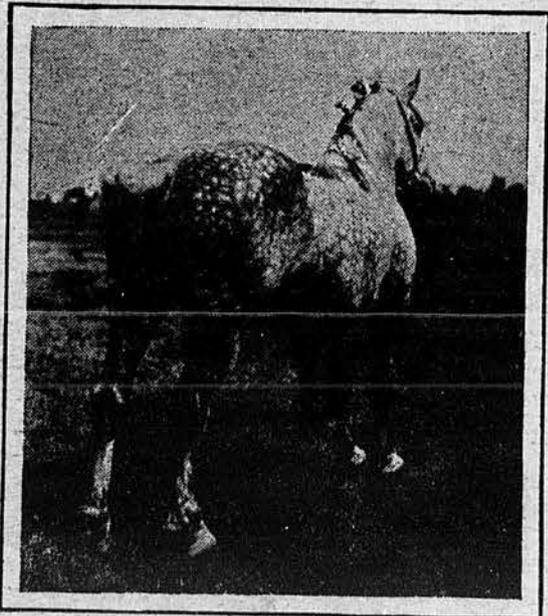
I have sowed it on rye in February and had a fine stand; sowed it after oats were drilled and had a good stand. One field after the Sweet clover seed was threshed, plowed, and sowed to wheat, the wheat made 30 bushels and had a good stand of clover after the wheat was cut. The clover was stacked and made two tons an acre. In the spring after the clover was knee high I plowed it down and it sure made some corn, 30 to 50 bushels last year.

I sowed oats one year on this clover land and it was estimated at 70 bushels to the acre. The oats as well as any other crop will do better after Sweet clover.

To Encourage Livestock Farming

THE first annual show of the Tri-County Livestock Improvement Association—of Riley, Pottawatomie and Wabaunsee counties—will be held October 9 to 11 inclusive at Manhattan.

A Good Partner



ment here, leaving a balance of 152 million dollars which may be attributed to discharge of previous open bank and merchants' debts to us. In all calculations of this character it always must be borne in mind that many items are of necessity partly estimated, and that while the opposite items tend to limit the area of error there is always the possibility that there may be an error either way up to 100 million dollars. Moreover, it is of course, impossible to state the gold movement as balancing any particular stage of the statement, but generally speaking gold shipment is the final resort in international trade.

The outstanding feature of the balance sheet for the year is the rather anomalous movement of a large amount of capital to investment in the United States which can be readily accounted for as the "flight of capital" from the countries of unstable currency to us in order to secure itself on a gold basis.

Producing Pork at a Profit

BY DR. C. W. McCAMPBELL

THERE are two general methods of finishing a spring pig for market after he has been weaned. These different systems are:

1—Feed a limited grain ration on pasture during the summer and fatten in the fall by full-feeding on new corn. Feeding 1 pound of corn and $\frac{1}{4}$ pound of tankage a head a day on some kind of green pasture from weaning time will produce a growthy, thrifty but thin 100 pound feeder hog by the middle of October or first of November. Such a hog is ready to make splendid use of the new corn which is much cheaper than old corn during the months of July and August. There are numerous advantages in feeding a limited grain ration on pasture and then full-feeding. However, it should be remembered that pigs fed

The Rescue of Anne

BY EDGAR FRANKLIN
(Copyrighted)

THE telephone jingled briskly. Mr. Carrigan started slightly at the news that he himself was desired on the wire, but he dragged his chair to Peter Nixon's desk and grunted:

"Carrigan—yep! Whatcher want?" Then, strangely, his mouth opened and he stiffened.

"Who's this now?" he cried. "Huh? What? Why, boss!"

A heavy voice rattled the diaphragm of the receiver. On Mr. Carrigan's countenance the sudden smile froze solid—and after that Peter Nixon stopped work and watched, unbelieving.

Mr. Carrigan was holding the pedestal of the telephone with one hairy hand and bearing down on the docile thing; and as a long series of barks and rattles came thru the receiver, he took to twitching—one twitch to each particularly savage bark. Perspiration stood out upon his limited brow, and his thick mustache worked up and down convulsively, as thrice he tried in vain to speak.

Then the barking stopped abruptly, and Miss Briston caught the sharp click from the other end of the wire—and Mr. Carrigan had turned to her with a wild, fascinated stare.

"Lady!" he choked. "My Heavens, lady! How would I know the big feller was a friend o' yours?"

Miss Briston smiled. "Say! Nobody's goin' to interfere with this factory, lady—that's what I gotter tell yuh—not now, not ever! Anything you like to do here, yuh can do, Miss—Miss Briston, an' I'll take care of you any hour o' the day or night yuh want t' send for me, see? It don't make no difference what yuh do here, nobody'll bother yuh. An' I gotter apologize—I certainly apologize!"

But the Telephone Spoke

He dashed the beads from his forehead and gulped.

"Then we really do stand in with the organization, as it were, without paying anything at all?" Anne asked quietly.

There was more than a suggestion of awe in Mr. Carrigan's voice as he edged toward the door.

"Lady, yuh do!" he said solemnly. "You betcher life, yuh do!"

There were three other very pretty young women among the eight who made up Anne's tiny dinner party at the St. Ivan; but among them—and among any three thousand others—Anne was the girl apart, the one glittering star, the one rare unmatched flower. Thus reflected Burton Fraim, with complacent pride and a comfortable feeling of proprietorship; and later, when opportunity came for a tete-a-tete, he spoke of the thing nearest his heart.

"This," said he, "is the sixteenth."

Miss Briston smiled inquiringly.

"And in another four days we shall have reached the glorious twentieth."

"Why glorious?" Anne asked rather blankly.

"It's on the twentieth that you have promised to give up your business career and tell me that you're ready to have our engagement announced," Fraim said, and smiled slightly at the perceptible start his words produced.

"Did I—really promise that or did you suggest it, Burton?"

"Both, I fancy," the impressive gentleman said easily. "Oh, Anne, why not have done with the thing now—here? Why not be a good little girl and say the one thing on earth I really want to hear?"

He had captured her hand very deftly indeed; and Anne herself wondered a little at the sudden movement with which she withdrew the hand. Instead of dimpling, she turned rather sober, flushed a trifle, and rose suddenly.

"Why—I don't know," she said confusedly. "Come over here, Burton. Bee's going to play."

The matter, dismissed for the moment, remained with her in the morning; and, at her desk, she discovered that for the very first time her mind was not entirely upon her business. In the solitude she confessed that what had seemed for a time the appointed thing had turned into the well-nigh

impossible thing. There was no particular reason for the change except that, meeting the question squarely and admitting a real fondness for Burton Fraim, she did not love him well enough to marry him.

As a thoroughgoing, single-minded business woman, in fact, she did not love anybody or anything—except the Briston Manufacturing Company and its future; and if she sighed twice as she reflected upon the condition, it was because commercial details had piled up lately at a rate that might well have worn on a strong man.

An Industry Come to Life

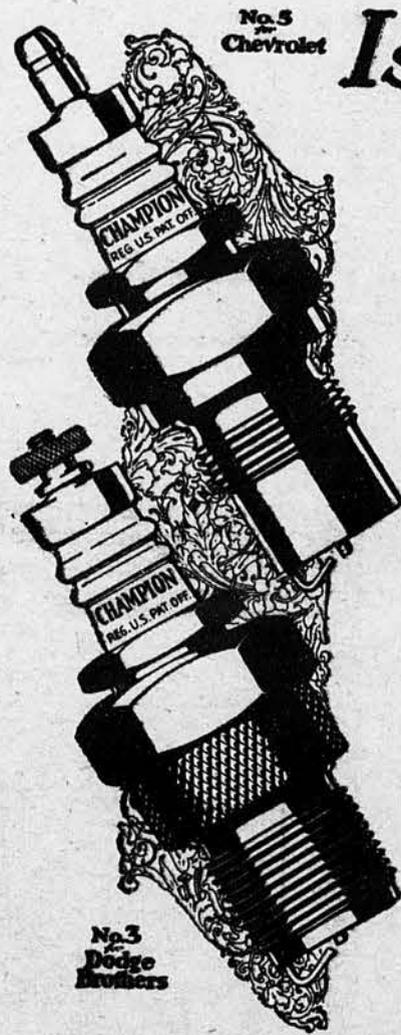
But it was worth all the work, the fruit of these last five hurricane weeks! More citizens of the great United States had heard about Briston products than ever before in their history; and if the expenditure of money was enough to curdle one's blood, a trip thru the factory these days was enough to set the blood right again.

Soap was boiling out there as of yore, crushers were grinding ceaselessly, frames and slabbers were full—and emptied—and full again. Fancy products were being milled to a fineness that even the late James T. had never attained. Lines of girls wrapped and packed and wrapped again, and all of it under the eagle eye of the funny little new chemist.

An awakened public was reaching out for Briston goods, too, and no wonder; for when that public had studied the Briston advertising in the morning newspaper over its coffee, it was likely to find a Briston sample package in the mails; and when it had noted the Briston-Shaviola display in the corner drug store window, while waiting for its car, the car itself helped along with a mighty "BRISTON" dominating all the other advertising.

Anne's astonishing corps of salesmen had spent money and breath with equal freedom, too. A business magazine had offered her sales-manager a handsome sum for an article on just how he did it; but most of the credit, of course, belonged to Peter Nixon.

(Continued on Page 11)



A Full Set Is Economy

You save in gas and oil if you install dependable Champions by the full set at least once a year. Engine performance is greatly improved.

Champion is the better spark plug because of its Double-Ribbed sillimanite core. Compare Champions with other spark plugs and you will readily see how much superior they are.

Champions are fully guaranteed. More than 90,000 dealers sell them. Champion X is 60 cents. The Blue Box 75 cents

Champion Spark Plug Co.
Toledo, Ohio
Champion Spark Plug Co. of Can., Ltd.
Windsor, Ontario

Champion is the standard spark plug for Ford cars and trucks and Fordson tractors. Recognized by dealers and owners for 12 years as the most economical and efficient spark plug. Sold by dealers everywhere.

CHAMPION

Dependable for Every Engine

How to Avoid Grade Crossing Accidents

Automobile drivers, when approaching railroad crossings, should go into second speed. Then look and listen. Absolute control thus is assured. Stop or go ahead, as conditions warrant.

During 1923 one hundred and three persons were killed and four hundred seventy-four injured at highway crossings on the Santa Fe Railway.

These regrettable accidents might have been avoided if these motorists had been careful.

The rapid increase in these grade-crossing accidents is due to the greatly increased and general use of the automobile in the hands of drivers ignorant or willfully disregardful of the perils which attend careless driving. Sometimes it is the careless driver alone who pays the penalty, but usually innocent ones pay it in part or entirely.

Automobiles should be safer at railroad crossings than horses, because they

You are urged to give this "Safety First" suggestion most earnest consideration. Better be safe than sorry.

do not become frightened and are better controlled; but the opposite seems to be the case. An experienced driver of horses describes the proper method of approaching a railroad crossing as follows: "Gather up the reins tight, take out the whip, and bring the horses to a walk." An experienced automobilist advises: "Always go into second speed."

The method is precisely the same in either case. The driver has absolute control, can stop or go ahead as conditions demand, and is alert to the situation.

If all drivers would but adopt this simple rule and adhere to it faithfully the problem would be solved. What a saving there would be of priceless human life, of griefuntold, ambitions wrecked, and hopes lost forever!

W. B. STOREY, President
The Atchison, Topeka and Santa Fe Railway System

Wheat Pool Wins Its Spurs

All Farm Organizations in Kansas Have Been Working Together For a Sweeping Victory

BY JOHN W. WILKINSON

NO LESS than 1,000 Kansas farmers signed the 44 million bushel pool marketing agreement during the week of April 14 to 19. These men, altho some of them were opponents of the pooling plan or only waiting to get additional information about the plans and purposes of the Kansas Co-operative Wheat Marketing Association, were completely "sold" on co-operative marketing by the 32 speakers from the Middle, West and South who addressed 133 audiences on the benefits of co-operative selling during that week.

Hundreds who did not have an opportunity to sign the big pool contract at these early meetings declared their intention of doing so.

They swelled the numbers who placed their names on the dotted line during Victory Week extending from April 28 thru May 3. The contracts of those who signed during the big speaking week are now reaching pool headquarters at Wichita in every mail. They come from all corners of the state, because the big pool boosters made one or more addresses in practically every county.

The largest contract signed during the week was that of Darlington Jeffries of Lewis, Kan., who signed up for 1,745 acres sown to wheat in Ford, Morton and Edwards counties.

Figured on the average acre yield of 13.6 bushels, Mr. Jeffries will sell thru the 1924 pool, 23,732 bushels. His is the second largest contract received to date, that of Simon Fishman of Tribune, being the largest.

A number of contracts representing 1,000 and 1,200 acres have been received. The campaign will not close until the last of the month and its leaders are confident that several million bushels more than the goal that has been set will be signed up for the big pool and we hope that their expectations will be fully realized.

Producers in High Favor

Because of the connection which the Kansas City Producers has with the state and county farm bureaus and other agricultural and livestock organizations in the East, they have been receiving orders for stocker and feeder cattle from Pennsylvania, New York, Ohio, Michigan, Indiana, Illinois, Wisconsin, Iowa, Kentucky and Missouri.

This connection with agricultural and livestock organizations together with the support given by the other producers' offices provides a direct outlet for stockers and feeders better than any firm on the Kansas City market.

The Equity Union System

The question is often asked, What is the Equity Union organization or system? "The Farmers' Equity Union," says the editor of the Equity Exchange, "is an organization of producers and consumers, who thru an organized co-operative effort seek to control their own marketing machinery and the distribution of the supplies they need for the farms." Altho the organization is made up of producers and consumers, yet a very large percentage of the membership is made up of actual dirt farmers.

Lincoln Bureau Increases

Last July the paid up membership of the Lincoln County Farm Bureau was three. By April 1, 1924 the paid membership had increased to 275 in the men's division and 325 women had joined the bureau under a special membership fee. In addition there are approximately 400 boys' and girls' club members.

Lettuce Growers Organize

Co-operative marketing of Colorado lettuce crop was made a certainty recently when representative growers from eight districts unanimously approved plans for the formation of the Colorado State Lettuce Exchange, at a meeting held in the office of Joseph

Passonneau, state director of markets, at Denver.

Details for the organizing of a state-wide organization were placed in the hands of a committee which will draft tentative bylaws, contracts and articles of incorporation.

Enlistment into the exchange of every lettuce grower in the state will be undertaken, and hope was expressed for the establishment of a powerful organization before the marketing of this year's crop.

K. C. Producers' Sales Grow

Because of the connection which the Kansas City Producers has with the state and county farm bureaus and

other agricultural and livestock organizations in the East, they have been receiving orders for stocker and feeder cattle from Pennsylvania, New York, Ohio, Michigan, Indiana, Illinois, Wisconsin, Iowa, Kentucky and Missouri.

This connection with agricultural and livestock organizations together with the support given by the other 13 offices of the Kansas City Producers' Commission Company provides a direct outlet for stockers and feeders better than any firm on the Kansas City market.

Oklahoma Strong for Pooling

Wheat acreage signed up in the Oklahoma Wheat Growers' Association stood at the 1,149,717 mark on April 1.

Grant county still leads the list with 98,983 acres. With only a little more than 1,000 acres behind the 100,000 mark it is said the members in Grant county are going to make a determined effort to be the first county in the state to reach the hundred thousand mark.

ANN ARBOR HAY BALERS

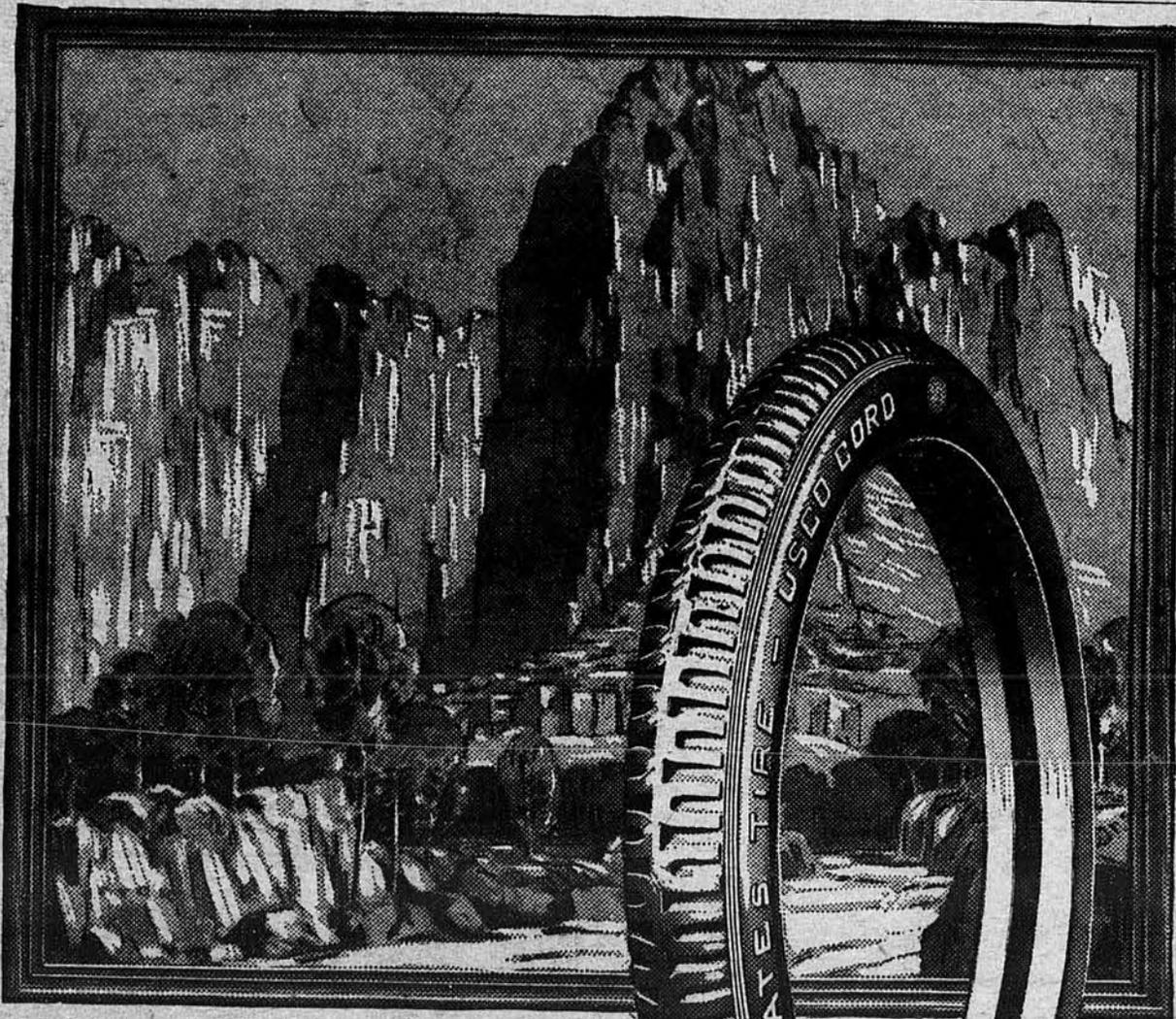
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MAY 8 1924

Farm Work Much Delayed

Outlook on Jayhawker Farm for Corn, Alfalfa, Pasture Crops and Fruit Seems Favorable

BY HARLEY HATCH

A LONG continued and much needed rain fell here recently and this will insure good pasture for a long time besides giving the native hay meadows a good start and making the first crop of alfalfa. On this farm the alfalfa seed sown the week previously was lying in dry dirt when the rain came but it is now well moistened and should come up in a hurry. We took time from corn planting to sow this seed and now we are glad we did it. What we would like to do on this farm is to increase our alfalfa to 50 acres and cut down the grain crops in proportion.

Much Corn Still Unplanted

We started the corn planter on this farm at noon on April 21 and had 42 acres planted when rain came, and it has not, at this writing, dried up enough to resume work but we hope it will do so soon. We have 53 acres yet to plant but now have help enough to keep things moving and, with favorable weather, we can get the 53 acres planted in three days. About 38 acres of this amount is to be listed; the land was in wheat stubble and it was given a good double disking early this spring and even before the rain it was in ideal condition to list, as we found in listing 5 acres before the rain came.

Fall plowed land was working in fine condition before the rain but spring plowed land, which had been turned over the least bit wet and then allowed to lie without being worked down with disk or harrow worked up very cloddy but the rain has now cured that fault.

Corn planting has been pushed in this county and many had corn up on April 25. This corn will have a good start of the later planting provided an untimely frost does not catch it.

Good Fruit Prospect

Our fruit trees, apples, pears, plums and cherries, are a mass of bloom, and we hope they will not be nipped by frost. The apricots have run the gauntlet successfully this year up to this time—and we have trees some 20 years old literally covered with small apricots the size of a pea. If we get a crop from these trees this year it will be the first to amount to anything in the 20 years that have elapsed since we set out the trees.

It is all right to have three or four apricot trees here but more than that

are not profitable because as a rule one does not secure a crop oftener than one year in ten. We have stated in former notes that we had not seen a peach bloom. A few belated blooms finally arrived on our budded trees; some who have seedling trees report bloom enough to set 25 per cent of a crop.

Hay Barn Now Empty

For a time it seemed as if we might be compelled to draw on our stock of baled hay to feed the cattle but pasture came in a hurry when it once started and that left us with two cars of surplus baled prairie hay to sell. Because of the farm work, we could not haul this hay, for which we were offered \$10 a ton on truck, but the buyer found a man who would haul it the 6 miles to the siding for \$1.75 a ton. This we paid, leaving us \$8.25 net at the barn which, we figure, just about pays out as we could have sold it all in the form of stacked hay for \$5.50 a ton.

Our hay barn now stands empty and we are studying whether to keep it for baled hay again next summer or to put our alfalfa in it. It will take longer to haul the alfalfa to the barn than to stack it but, once in, it will keep better there.

A Good Home Mixed Paint

We have this spring received several inquiries regarding the home mixed paint which we have been using for years on farm barns and out-buildings. This paint, which is made by mixing 6 pounds of Venetian Red with 1 gallon of linseed oil, is by far better than the ready mixed paints sold as "barn paint." The home mixed paint penetrates the wood and will last for years. Much of the cheap ready mixed paint forms a coating on the outside of the wood which looks well for a short time but which soon cracks and scales off. If one does not care for the bright red shade of the Venetian Red, he can use instead what is called "Prince's Mineral" which makes a dark red like the color of the Santa Fe country railroad stations.

For lack of running water in the kitchen a Virginia woman walked, in a year, 140 miles and expended enough energy in lifting water to do the work of two horses in plowing 11 acres of ground.



"And the Band Played—"

When you get Balloon Tires you'll want them at the least cost, of course. Your Goodyear Dealer will help you in this. He will recommend the kind you should have—whether for new wheels or the wheels now on your car. Goodyear makes and he sells both kinds of Balloon Tires—and either Goodyear kind is the best you can buy in quality and dependability.

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You want to know who are candidates and what they advocate before you vote in the primary, Tuesday, August 5. You can then cast a more intelligent vote for the one you think best fitted to represent your party on the ballot for the general election, Tuesday, November 4.

The Topeka Daily Capital keeps in close touch with every section of the State and is the Official State paper of Kansas.

We will also keep you posted with National affairs from Washington, D. C. The 63th Congress is now in regular session and legislation of vital importance to everyone is being discussed and enacted into law.

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Enclosed find \$..... for which send me the Topeka Daily and Sunday Capital to November 15, 1924.

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The Rescue of Anne

(Continued from Page 8)

So much Anne conceded instantly, as she smiled pensively at the Shaviola display that would go out next week—a glittering lighthouse made of the new, golden, shaving-stick containers, with a tolling bell to drive the store-keeper mad by day and an electric light to burn thru the night. Peter was really the motive power of the big place; from seven to six he moved tirelessly, and no one could tell just where he might appear about the works, or upon what small error he might pounce.

Peter was a treasure—that is, of course, in business matters. Looking backward, Anne hardly knew what would have happened without Mr. Nixon. He had filled out under his new responsibilities, and had turned wonderfully human and strong, somehow. Looking at him today, one would have had difficulty in recognizing the shabby, solemn-eyed individual who had been second in command hardly a month ago.

Miss Briston nodded gravely and emphatically at the gilt lighthouse. If Peter Nixon had been permitted to resign that first day—she sat up quite suddenly as the door opened and Nixon entered.

His morning smile was missing. His jaw seemed to be protruding queerly, too, as he stood beside her, and Anne asked:

"What is wrong?"
"Why do you think anything is wrong?"
"I have eyes," Miss Briston smiled. "Well?"

Peter Nixon folded his arms in quite the old way, and smiled gravely.

"I don't know whether to bother you with this or not," he mused. "Off-hand, I should prefer to deal with it myself, but—you've insisted on handling everything here up to now."

"The firm hasn't changed its policy overnight," said the firm.

A Committee Arrives

"There's talk of a strike," the superintendent said bluntly.

"What?"
"There has been talk of it for several days, I think, altho I hardly thought it amounted to anything. Little Hempson came up this morning early—on the quiet, of course—and informed me that the men are going to send a committee to you today, Miss Briston."

"What do they want?" Miss Briston asked, her eyes rather round.

"Same old story—more money and less work," Mr. Nixon said briefly. "I've done my duty now and told you. Please leave the rest of it to me."

"And—"
"I'll find the ringleaders and have them out of the place for good before noon," the superintendent said. "I think that'll settle it."

"Do the ringleaders happen to be men we need?"
"As a matter of fact, yes; but I can replace them within a day or two, and—"

"And we'll work short-handed until they are replaced?"
"Yes."

"We're paying them more now than they'd get in any other soap-works, are we not?"
"Anywhere from five to ten per cent."

The owner of the establishment squared her small shoulders and shook her head.

"Send the committee to me."
"It wouldn't do," Peter Nixon informed her. "These men are rough citizens—you haven't seen enough of"

(Continued on Page 15)

Belgian and Her Progeny

(Continued from Page 3)

youngster, weighing 204 pounds at birth and more than 1,400 pounds when 12 months old. His sire, also bred by the college, was grand champion at both Kansas fairs in 1921, and it is hoped that the colt will develop into as good, if not a better, horse than his sire.

The last member of this interesting group is Farsarett 10216 (G), bred by the Kansas State Agricultural College, foaled April 13, 1923. This filly is Mirzelle's first foal, and the first that was sired by Farsar.



"My Oil Storage
Looks like I might be in the Oil Business — BUT IT PAYS!"

The modern farmer is beginning to look more closely to the lubrication of his automobiles, trucks, tractors, lighting plants, etc. He has learned that the secret of economical motor operation is good lubrication. Proper lubrication costs so little compared with its ability to save money on depreciation and repairs that many farmers are using twice as much lubricating oil as a few years ago—better oil at that—and it's the best investment they can make.

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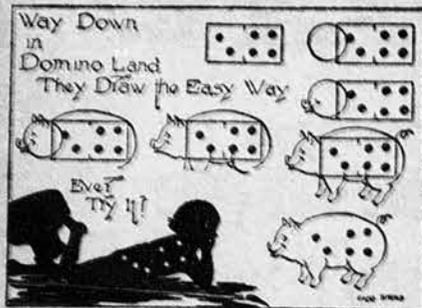
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Please find enclosed \$..... for which enter my order for the publications named in Club No..... as listed above, all for a term of one year.

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For the Little Folks in Puzzletown

I DREAMED last night across the sky
A troop of children ran,
Right by the Big and Little Bear
And by the old Moon Man;
I called to them, "Where do you go—
What are you hunting, pray?"
"We've found the Dipper," they replied,
"And we hunt the Milky Way!"



In Our Letter Box

I am 7 years old and in the second grade. I have 12 big chickens. My Grandpa gave me a little piggie a long time ago and now she has eight little piggies. I haven't any brother or sister but I have a big white kitty named Billy. He can do a lot of cunning tricks.
Alice Ruth Gulick.
Olathe, Kan.

I Thank You

I received my prize which I won in the "Can You Guess Who?" contest. It is very nice and I thank you.
Helen Holman.
Arkansas City, Kan.

Fishing's Fine

I am 8 years old and in the third grade. We ride to school on a bus. I wish you could all see our big school building. We live about 25 miles from the Rocky Mountains. Daddy takes us fishing for trout there.
Loren Dillon.
Center, Colo.

Please Write

I am 11 years old and will be 12 April 10. If any of you boys or girls will be 12 the same day please write me. For pets I have two dogs, Jack and Tip.
Lois Hitchens.
Burlington, Kan.

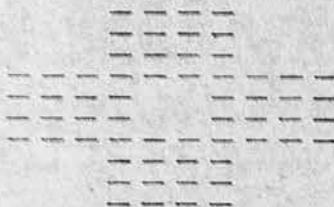
What is the best way to keep fish from smelling? Cut their noses off.

What is the difference between two eggs laid by the same hen? Twenty-four hours.

The Puzzler

A cask has three faucets. The first can empty it in one hour, the second can empty it in 2 hours and the third can empty it in 3 hours. How long will it take all three, running together, to empty it? Can you figure that 6-11 of an hour is the correct answer?

Four Word Squares in One



Top Square: 1. A section of a house; 2. A garden vegetable; 3. Minerals; 4. Part of a ship.
Left Square: 1. Quiet; 2. An old, old country; 3. A huge beast that lives in 2; 4. A part of 3's body.
Right Square: 1. A device; 2. One of the states; 3. Liquid lubricants; 4. Gone out of one's possession.

Bottom Square: 1. Wickedness; 2. A vessel for holding flowers; 3. A small island; 4. A cultivated plant.
From the definitions given, fill in the dashes correctly so that each square reads the same across and up and down and that the squares fit into each other as indicated. A game pamphlet each for the first five correct solutions. Address Young Folks' Editor, Kansas Farmer, Topeka, Kan.

A Prefixing-Affixing Game

Prefix and affix two letters each to a word meaning over hasty in action and find the last half of the name of a bird.
Prefix and affix two letters each to "To illuminate" and make extreme pleasure.
Prefix and affix two letters each to a legal standard weight and make explained the meaning of.
Prefix and affix two letters each to impertinent or meddling with things which are not one's concern and make regardless of one's obligation.
(Answers: Rash-thrasher; light-delighted; pound-expounded; officious-inofficially.)
When butter is worth 50 cents a pound what will coal come to? Ashes.



Children of the Week

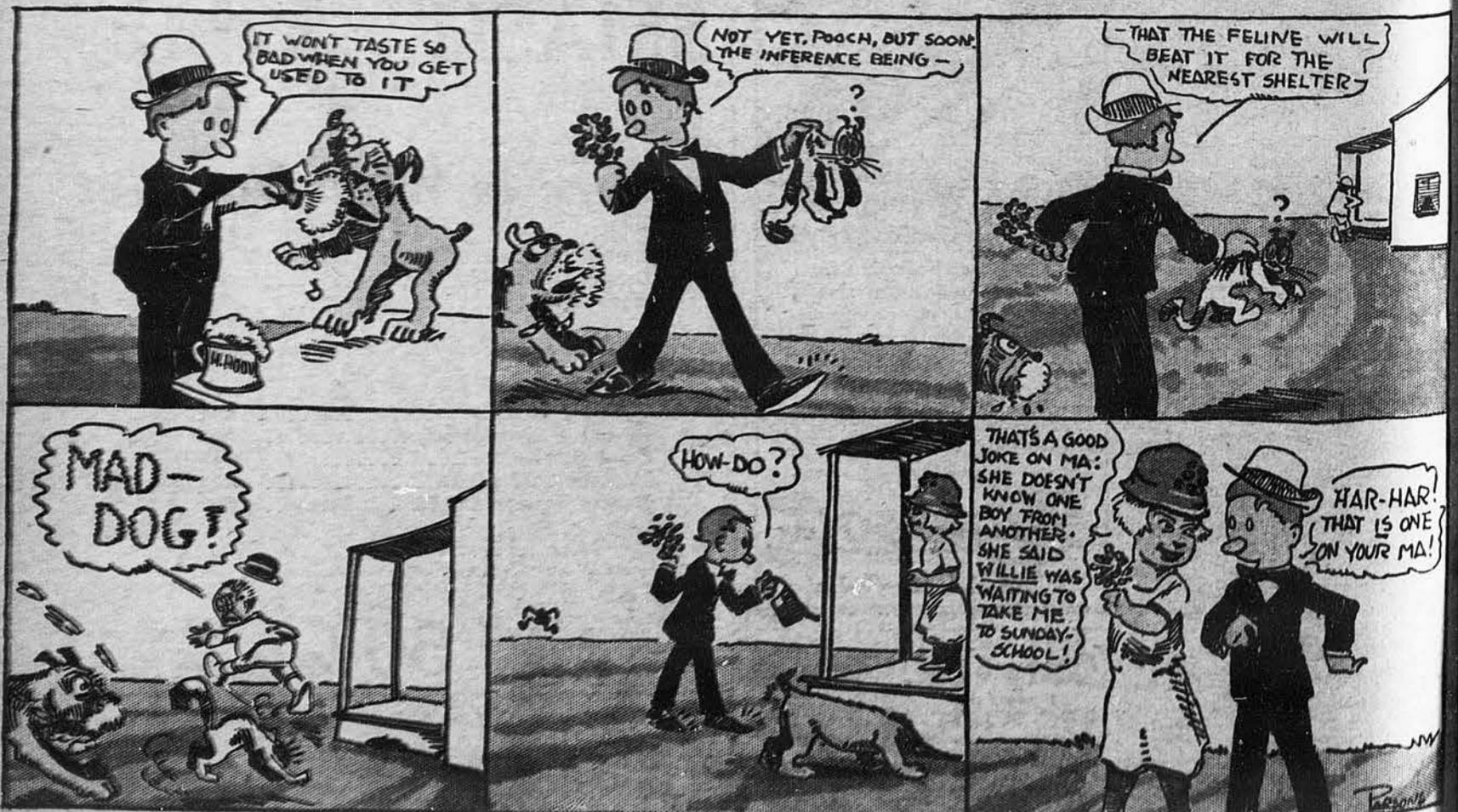
Monday's child is fair of face,
And washes up the clothes;
Tuesday's child is full of grace,
And hangs them all in rows;
Wednesday's child is full of woe,
And wears a long sad face;
Thursday's child has far to go,
And sets a steady pace;
Friday's child is loving and giving—
A good example she sets;
Saturday's child works hard for its living,
And earns the praise it gets;
And a child that is born on Christ-
mas day
Is fair and wise and good, they say.

To Keep You Guessing

Read these riddles aloud to the family, withholding the answers, and see how many can answer them.
Why was Moses the most wicked man that ever lived? Because he broke all the commandments at once.
Why is a banker's clerk necessarily well informed? Because he is continually taking notes.
Who are the best bookkeepers? The folks who never return a book.
If one man carries a sack of flour and another man carries two sacks, who has the heavier load? A sack of flour is heavier than two empty sacks.
What grows bigger the more you contract it? Debt.
What fish have their eyes nearest together? The smallest ones.



When you have found the coolest place in a theatre, send your answer to the Puzzle Editor, Kansas Farmer, Topeka, Kan. There will be a package of postcards each for the first 10 correct answers.



The Hoovers—Don't Kill Your Extra Cats—They May Come Handy

The Poison of the Pieplant

BY DR. CHARLES H. LERRIGO

RECENTLY some persons who longed for a mess of greens ate rhubarb leaves with disastrous results. No one died, but the poisoning caused vomiting, purging and intense irritation of the kidneys.

Rhubarb poisoning is not very common but some cases do occur every season. It is probable that the poisonous agent is oxalic acid which is present in the leaves to much greater extent than in the leaf-stalk.

Rhubarb is too valuable and well-tried an article of spring diet for us to discard it because of an occasional misadventure; nevertheless, the warning is clear. Avoid the use of the leaves, and be content with one helping of rhubarb sauce or pie.

Treatment For Piles

Please state the cause and treatment of piles. I have one that is about the size of the tip of one's little finger and was a little painful at first but is not so noticeable now. It has been in evidence about a week. S. M. B.

Piles have their immediate origin in failure to give proper attention to the daily bowel habit, leading to constipation and straining at stool. If one will avoid constipation there is little danger. When an attack of piles comes on it is particularly important to avoid any straining and to make the stool soft and easy of passage.

The Farmiscope

Ingenu—"Look here, this is scandalous. I've only got one box of chocolates presented to me."

Stage Manager—"Well, that's better than nothing; what are you grumbling about?"

Ingenu—"Grumbling—I like that; grumbling, when I paid for four!"

Only Too True

With so many murders being committed in America just now we begin to think that the official report, stating that American citizens are as safe in Turkey as in their own country, may verge upon the truth.—Punch (London).

Ear Work

Lazy Mike—"I have a new position with the railroad company."

Weary Rhodes—"What is it?"

Lazy Mike—"You know the fellow that goes alongside the train and taps the axles to see if everything's all right? Well, I help him listen."

And Obversely

Gym Teacher (to girls)—"Lots of girls use dumb-bells to get color in their cheeks."

Bright One—"And lots of girls use color on their cheeks to get dumb-bells."

Why She Was Caged

Howard—"They say Schuyler keeps his bride in a glass case."

Jay—"Yes, she still has her job selling movie tickets."

Reclassified

Sporting Gent—"I wish to buy a revolver."

Salesman—"In the basement, sir—domestic articles section."

How to Talk to Guests

Prospective Guest—"Why, this room reminds me of a prison."

Assistant Manager—"Well, sir, it's a matter of what one is used to!"

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Your personal stationery attractively done in raised lettering (blue, black or green). Name and address on good white bond paper and envelopes. No. 1—200 single sheets, 100 sheets with envelopes, all "typembossed," and 100 plain sheets, \$2. No. 2—100 double folded sheets with envelopes all "typembossed," \$2. Write or print plainly what you desire, not to exceed 3 lines. Send check, money order, or cash with order. Mailed postpaid. DEPT. A, 24 Sachem St., Norwich, Conn.

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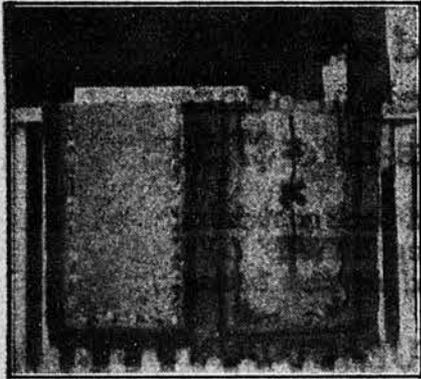
BROADCASTING Think You Can Spell? Try This One \$25 in Cash Kansas Farmer and Mail & Breeze will give a cash prize of \$25 to the person who sends in largest list of correctly spelled words made from the 12 letters in the word "Broadcasting" providing list is accompanied by \$1.00 to pay for a 1-yr. subscription to Kansas Farmer and Mail & Breeze. Winners in previous spelling bees given by the Capper Publications will not be permitted to win in this one. Every person who complies with the rules and sends in a list of twenty or more words, whether he wins \$25 in cash or not, will get a prize. Follow These Simple Rules 1. The object of this contest is to make as many words as you can from the letters in the word "Broadcasting." A letter must not be used more times than it appears in the master word. A word may contain two "a's" since that letter appears twice in the master word, but a word must not contain more than one "s" as that letter appears but once. 2. Proper names and proper adjectives, prefixes, suffixes, abbreviations, contractions, foreign words, obsolete words, combining forms, Scotch, English and Irish dialectic words will not be counted. Both singular and plural may be used and both will be counted. Latin plurals will not be counted except those shown in the dictionary. Words spelled alike but with different meanings will be counted as one word, but words spelled differently with the same meaning will be counted as separate words. 3. This contest is open to any person living in Kansas or Eastern Colorado, except capital prize winners in any previous word contest of the Capper Publications. But one prize will be awarded to a single household or group of persons. Collaboration is permissible in working the contest, but if it is evident from the lists submitted that a household or group of persons has submitted more than one list, the Capper Publications reserves the right to return the qualifying money and bar such entrants from the contest. The Capper Publications also reserves the right to bar any list which, in its opinion, comes from a source which has previously been awarded a prize. In such a case, the subscription price for qualifying will be refunded. Your list of words, subscription and \$2.00 must be sent in at the same time. 4. Three persons not connected with the Capper Publications in any way will act as judges in this contest and their decision is to be accepted as final and conclusive. Webster's New International Dictionary will be used by these judges in determining the winner or winners. 5. In the event of a tie, the Capper Publications will pay the prize that for to all tying contestants, the amount paid each contestant to be the full amount of the prize and fee. 6. Lists may be written with pencil, pen or typewriter as the contestant may select but are to be written on one side of the paper only and in regular columns. Each word must be numbered. No list will be accepted which does not conform to the above rules. This Spelling Club closes June 20, 1924. The winner of cash prize will be announced as soon after closing date as the three judges can determine to be the best of their ability who has submitted the largest list of correctly spelled words. When sending in list of words and \$2.00 be sure to state to whom we are to send Kansas Farmer and Mail & Breeze for one year. Kansas Farmer and Mail & Breeze Spelling Bee, Topeka, Kansas

Our Kansas Farm Homes

Mrs. Ida Migliario
-EDITOR-

A Rural Community Has Revived the Art of Rug Making

A REVIVAL of the popularity of the pulled or hooked rug like those which were made by our grandmothers and our great grandmothers has been the inspiration of some remarkable results in home-made rag rugs by farm women. In



The Background of These Rugs is Gray

Cairo, a community in Pratt county, Kansas, a number of women under the leadership of Mrs. F. O. Ladd, who attended a training school in home furnishing, conducted by the household management specialist from the agricultural college, have made a number of these rugs, all of which are lovely

in design and coloring as well as excellent in workmanship.

These rugs were made from such material as old cotton rags, old blankets, worn stockings—in fact any old material not usable otherwise. The foundation used was the burlap sacks about the farm, and even the hooks were homemade, these being spikes driven into wooden handles and the other end of the spike filed into a hook. The only expense was the cost of the dyes as the rags were dyed soft, harmonizing colors.

So enthusiastic were the workers in their zeal that even the local paper commented upon the interest by inserting a notice to the effect that the "Cairo Rug Factory had temporarily closed down to allow the workers to attend Literary Society that night!"

Rugs Have Tan Background

The series of three rugs shown in the large picture are all made with a tan background. The one on the left is barred off into diamond designs and bordered with black, the black being old stockings. The center rug with the same lovely tan background has the designs in the center and corners done in soft blue, rose and green with an accenting touch of black. The third rug is of the same coloring but with a design very suggestive of the oriental influence.

The two smaller rugs in the small

picture are for a bedroom. They are delightful combinations of blue-gray with bits of color adding life and interest. The one on the left has a blue-gray background with an outside border of the same color in a darker shade. The inside border is made of small conventionalized flowers in pink, blue and yellow with tiny green leaves. This soft and delightful coloring and simple well balanced design has resulted in a most effective and charming rug. The other rug in the small picture, has the gray back-

ground, also, however the small, well-placed design of old-rose gives warmth as well as brightness to the neutral gray of the background.

There are unlimited designs and color combinations possible in this type of homemade rug, so it is not surprising that the art of our grandmothers is being revived and gains in favor with those who admire and wish in their home beautiful as well as interesting examples of home-made rugs.

Mrs. Harriet W. Allard.

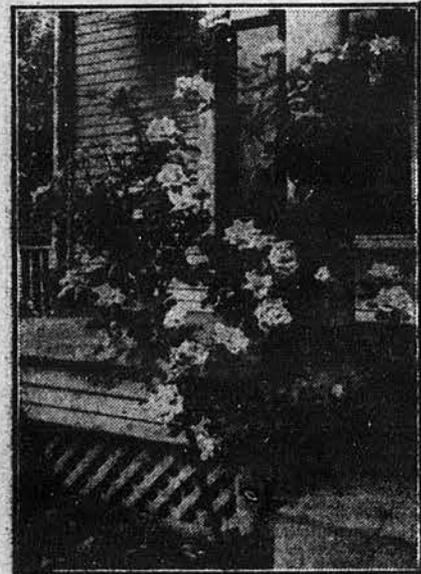


Attractive Patterns are Possible with a Little Planning of Color Arrangement

Where Flowers Grow

I traveled across the country last summer and fall and I was surprised to notice but very few flowers on farms. It was a year, too, when the ordinary flowers would have done well if given a half chance. One woman told me that she did not have time to waste in growing flowers. She is making a serious mistake if she has children growing up in the home. Flowers have a refining influence and every child loves them if this love is not smothered in the early home surroundings.

If you do not have time to grow the annuals and bedding plants that require summer care you can at least plant peonies, phlox, lilies, hollyhocks,



Roses Make This Porch Attractive

roses and hardy shrubs that will grow and bloom year after year when once established without any summer attention. Vines will hide ugly, obtrusive objects and walls can be banked with spirals and the barrenness will be relieved.

A very busy woman in a small town had a beautiful yard and not a flower in it required much care. In one corner a big crimson rambler covered an informal trellis, a Wisteria vine covered a line fence and served as a background for columbines, peonies, bleed-

ing hearts, daffodils, tulips and other hardy favorites she had brought in from the farm. Clove-scented grass pinks filled a bed by the porch and beside the walk, while out in front running riot in a mound of green and red was a coral honey-suckle growing without support. Bluegrass and a tree or two filled the remaining space.

Rachel Rae.

The Shortcake Season

The fruit you use in shortcake is a matter of choice and season, but the cake mixture—that is the prime secret of shortcake! It must be flaky, it must be rich and it must be digestible.

Sift together, four times, 3 cups flour, 3 level teaspoons baking powder and ½ teaspoon salt. Cut into this, with a knife, ½ cup shortening and mix with enough milk to make a very soft dough. Add 1 well-beaten egg, mold into cakes the size of the palm of the hand and bake in a moderate oven 15 or 20 minutes.

Prepare the fruit by paring and slicing, if necessary. Then add sugar to taste, and let stand until the sugar is dissolved. Split the shortcake, spread with butter, and put fruit on top of each layer.

Our Patriotic Songs

The history of our patriotic songs is interesting. America was written by Samuel Francis Smith in 1832 and was first sung by school children at a celebration in the Park Street Church, Boston, July 4, 1832. Mr. Smith found the old air of God Save the King and set the words to the melody. The music usually is credited to Henry Carey, an English composer of the Seventeenth Century. It is said that the same tune has been used as a national song by 12 nations.

Columbia, the Gem of the Ocean first made its appearance in print in 1843. The authorship has been credited to David T. Shaw and the words are said to have been set to an old English song in 1852.

Well do most Americans know the story of the writing of the Star Spangled Banner. It was written by Francis Scott Key in 1814 while he was detained on board a British frigate, and while he watched the Stars and Stripes fly undaunted over Fort Mchenry during 24 hours of furious bombardment.

Dixie is one of the best loved of all our national songs. There is something infectious about its peculiar swing and dashing melody that makes one easily understand why it is a favorite. It was written by Dan Emmett, a Pittsburgh actor and musician as a "walk around" for a minstrel performance in New York in 1859. The following year the song was sung in New Orleans and when a March tune was needed for the Confederate parade, Dixie was adopted.

Yankee Doodle is the oldest of our national songs and its source is mythical. It was known to have been used as a jig and a singing game in both England and the Colonies long before the Revolutionary War, possibly as early as 1750. The words give evidence of having been written at different times and places and by different persons.

Cheryl Marquardt.

Farm Home News

BY MRS. DORA L. THOMPSON

RECENTLY, a produce company in Kansas City has sent a truck out here to collect poultry and eggs. Prices paid are nearly the same as the prices quoted for such products in the Kansas City quotations. We doubt if this affects the merchant's trade materially. It does help to save many trips to town and it seems much easier to market surplus poultry at home than to load it on the running board of the car. The local merchant who would collect cream, eggs and poultry during the busy harvest season and deliver telephoned orders for groceries would be a popular merchant.

Last Day of School

April 25 was the last day of our school. The late spring and rush of work resulting make parents eager for the help that larger children can give. Still, many feel that a nine months' term would better fit the children to enter high school on an equal footing with those from town graded schools. Our school closes one day before the second or final examination given by the state for seventh and eighth grades. For this reason we had a simply prepared afternoon program and light refreshments.

It is interesting to note the questions asked pupils in the seventh grade. They are now expected to know who our "competitors in trade" are; what the "occasion for writing" a poem was and other ideas that we used to associate with high school work rather than grade. Children today must be brighter than we were!

A Health Program

It seemed especially fitting that the Rural Hope Club of this county should give a health program preliminary to their Mother's Day program. Dr. Brown and Dr. Nyberg of the State Board of Health gave some interesting and instructive discussions. The former told of the benefits of a county health unit—a doctor and nurses who give all their time to county health work. He urged the same for Jefferson county. The estimated cost of such a unit is \$7,500, one-third of which might be secured from an endowment fund. Dr. Nyberg described sanitary conditions as he had seen them in the South where in some counties 98 per cent of the children examined were infected with hook worm. Hearing Dr. Nyberg describe malaria and other ills due to the hot weather, directly and indirectly, made us almost thankful for cold winter months.

When Mother Smiles

When mother smiles
It may not mean she's happy,
For mother smiles oftentimes
Altho she's sad—
And sings a little song
To help the headache
And make the world think—maybe—
That she's glad.

Sometimes she smiles
A smile of tender patience;
The cares pile heavy
And the road is rough,
Can she but find the strength
To help her dear ones
And smile away their troubles—
That's enough.

But when she smiles
That smile of radiant gladness
For cares and labors put
Away awhile,
When tired hands are freed
From dreary toiling,
The whole round world is richer
For her smile.

Let mother smile
The smile of gladness always;
She's had enough of smiling
Thru her tears,
Let's coax the smile by lifting
Mother's burdens
And keep it radiant, shining,
Thru the years.

—F. J. St. John

About the House in Cotton

It Isn't Difficult to be Well Dressed at Home With a Supply of Dresses Such as These

BY MRS. HELEN LEE CRAIG



1942—It would take but an hour to make this apron. Sizes 36, 40, 44 and 48 inches bust measure.

2080—For the Housewife. Sizes 36, 38, 40, 42, 44 and 46 inches bust measure.

1469—Slenderizing House Frock that Buttons in Coat Effect. Sizes 34, 36, 38, 40, 42, 44 and 46 inches bust.

2071—A pretty afternoon frock is the design pictured here. Sizes 16 years, 36, 38, 40, 42 and 44 inches bust measure.

1943—A cheery looking morning frock is this that will radiate cheer to the whole family. Sizes 36, 38, 40, 42 and 44 inches bust measure.

These patterns may be ordered from the Pattern Department, Kansas Farmer and Mail and Breeze, Topeka, Kan. Price 15 cents each. Give size and number of patterns desired.

more money." the visitor thundered doggedly. "We ain't—"
 "How much more?"
 "Ten per cent for the—"
 "What happens if I don't pay it?" Miss Briston inquired.
 "Every man and girl in this factory walks out as quick as we go down stairs and tell 'em," the spokesman replied breathlessly. "And what's more—"

(TO BE CONTINUED)

Kansas has 165,286 farms, averaging 275 acres each. The total value of Kansas farm land and buildings is \$2,830,063,918, and exceeds that of 41 other states.

The Rescue of Anne

(Continued from Page 11)

them to realize how rough they are, Miss Briston, and—"
 "It will do nicely!" the head of the firm said coolly. "I want that committee to come to me!" And just there an irrepressible dimple or two appeared for a moment. "And Mr. Nixon!"
 "Yes?"
 "I wouldn't pout!" said the firm.
 "Well, I—" Peter Nixon began loudly; and then, biting down hard on the words, stalked out with a gruff: "Pardon me! I'll see that they come to you, if they do appear."
 They came rather sooner than Anne had expected, for fifteen minutes were hardly gone when a not too aggressive tap sounded on the panel of her door and heralded the appearance of three gentlemen who should have been toll-garments.
 He who seemed to be the spokesman was a square-visaged sample of un-youth determination. To a sympathetic eye he might have suggested the dread, eternal conflict between tyrant capital and downtrodden labor; to Miss Briston he looked like a husky person who should have been making soap these last three hours. He spoke in a voice that had not been weakened by oppression:
 "We were told to come to you."
 "Right!" said the firm.
 "We represent every employe of this factory," the spokesman pursued.
 "We—"
 "I don't believe it," the owner of the works said quickly. "What do you want?"
 "We represent every hand in these works, the way I said, and we want

Happy breakfasts to millions and millions of homes mean Kellogg's Corn Flakes—crisp, crunchy, healthful food.



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Great Western Beet Sugar comes from two hundred and fifty thousand Western farm acres, where sunshine and soil have stored pure, sweet sugar in the sugar beet.

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Great Western Beet Sugar



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TO FARM HOUSEWIVES

Try Mrs. Allen's recipe for

Rhubarb Conserve

8 cupfuls diced rhubarb
 1 orange
 2 lemons
 1 1/2 cupfuls chopped walnut meats
 1 pint water
 7 cupfuls Great Western Beet Sugar
 1 cupful chopped figs or seeded raisins

Combine rhubarb (unpeeled) and water. Boil gently until soft, then add Great Western Beet Sugar, fruit juice, grated rind and nuts. Boil gently until thick—180° (about 40 minutes).

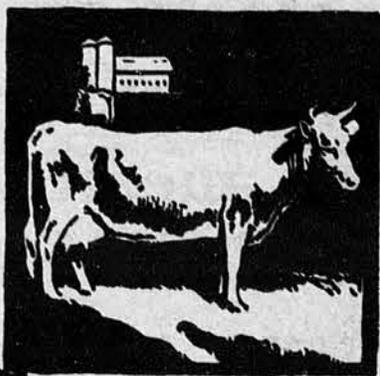
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The double gears run in oil in a tightly enclosed gear case. They are always flooded with oil and are protected from dust and sleet. The Auto-oiled Aermotor is so thoroughly oiled that it runs in the slightest breeze. It gives more service for the money invested than any other piece of machinery on the farm.

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Our large factory and our superior equipment enable us to produce economically and accurately. Every purchaser of an Aermotor gets the benefit from quantity production. The Aermotor is made by a responsible company which has specialized in steel windmills for 36 years.

AERMOTOR CO. Chicago Kansas City Dallas Minneapolis Des Moines Oakland

During the last 20 years the farmers of Kansas have produced approximately 400 million dollars' worth of hogs, or 20 million dollars' worth each year.

Kansas has a larger percentage of purebred Duroc hogs than 40 other states, and a larger percentage of purebred Poland Chinas than 35 other states.

Market Sags and Rallies

Sheep and Hogs Are Higher This Week While Cattle Regain All Former Losses

BY JOHN W. SAMUELS

THE April reports of the United States Department of Agriculture showed a very promising outlook for pasture in Kansas and in nearly every section of the Tenth Federal District. Altho the grass was late in getting a start, the condition of pastures and ranges in April was eight to 10 points better than in April last year. The pasture conditions in Kansas are rated as 90 per cent for April as compared with 75 per cent last year, while that of Colorado is 95 per cent as compared with 85 per cent for 1923 on the same date. Nebraska shows a condition of 89 per cent while Oklahoma breaks the record with a condition of 100 per cent.

Pasture Outlook Good

The long grass pasture outlook in the Osage Country of Oklahoma and the Flint Hills of Kansas was reported more promising than for many years, tho it was estimated that only 80 per cent of the Osage pasture and 60 per cent of the Flint Hills pasture had been leased by April 1. Lease prices ranged slightly lower than last year, tho widely varying according to location and quality of grass.

The cattle feeding situation looks bright for Nebraska feeders, according to a report from the Division of Crop and Livestock Estimates at Lincoln. That state has 8 per cent more cattle on feed than last year. All other Corn Belt states except South Dakota show decreases. Missouri reported a decrease of 7 per cent and Kansas 15 per cent.

A falling off in pork production this year is forecast by the reports from over the Corn Belt. A large proportion of sows marketed since last July was said to indicate a reduction in the spring pig crop, following a marked reduction in the pig crop last fall. The record run of hogs to the markets during the winter was taken as an indication that the peak of hog production had been passed.

Kansas City Livestock Sales

At Kansas City this week there was a break and a rally in livestock with the final result that hogs closed the market considerably higher.

Early in the week livestock prices were sharply lower, but by Wednesday there was an improved tone in evidence. On the close sheep and hogs were higher than a week ago, and more than half the early loss in cattle had been regained. Trade in all divisions was active the latter part of the week, indicating that the liberal receipts have not curtailed the outlet for meats. Moderate receipts will prevail from now on and there is no condition in sight that should cause a setback in the market.

Receipts this week were 36,575 cattle, 5,400 calves, 52,525 hogs and 33,650 sheep, compared with 32,400 cattle, 5,225 calves, 50,860 hogs and 33,675 sheep last week, and 30,300 cattle, 3,850 calves, 74,100 hogs and 25,725 sheep a year ago.

Early in the week cattle prices broke 50 to 75 cents, and this decline took the general market into the lowest level of the past several weeks. Late Tuesday trade took an active turn which continued thru today and more than half the loss was regained. The top price for native steers this week was \$11.75, and for Colorado steers \$11.25. Texas grass fat steers sold up to \$8.90. The bulk of the good to choice native fed steers sold at \$9.50 to \$11, and the fair to good kinds \$8.50 to \$9.50. The market is still materially higher than a year ago. Medium to fair cows and helpers, yearling steers and mixed yearlings declined 25 to 35 cents, but the choice to prime classes were scarce and fully steady. Veal calves declined 50 cents.

Demand for stockers and feeders remained active with no quotable change in prices. Larger supplies would find a ready outlet.

The hog market the first half of the week displayed lower prices, but the tone in the trade showed an entirely different trend, and all of the early loss was regained and prices at the close of the market were 10 cents higher than a week ago. Receipts are showing diminishing volume and good hogs are getting scarce. The top price today was \$7.30 and bulk of sales \$7.10 to \$7.25. Packing sows are selling at \$6.50 to \$6.60, and pigs \$5.25 to \$5.75.

Sheep, Horses and Mules

Fed lambs in fleece are 50 cents higher than a week ago, clipped lambs up 25 cents and clipped sheep strong. The market broke sharply in the middle of the week, and the close is 75 cents to \$1 above the low point. Fed lambs in fleece finally sold up to \$16.65, clipped lambs up to \$14.50, and spring lambs are quoted at \$16 to \$17. Shorn grass fat wethers are selling at \$8 to \$8.50 and shorn ewes \$7.25 to \$7.75.

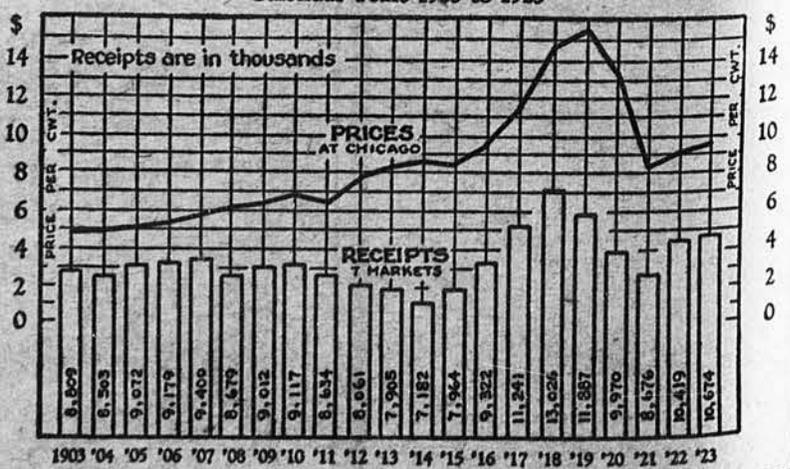
All the horses and mules offered sold readily at firm prices. Receipts were short of urgent requirements.

There was active buying and trading in grain futures and especially in wheat both at Kansas City and Chicago, due to rumors of price fixing legislation by Congress and the strong demand for wheat on the Liverpool market. The final effect was an advance of 2 cents on May wheat at Kansas City and from 1 to 1½ cents for July and September deliveries.

The following quotations on grain futures are given at Kansas City: May wheat, 97c; July wheat, 98½c; September wheat, 99½c; May corn, 73c; July corn, 74½c; December corn, 64c; May oats, 47c; July oats, 45½c; May rye on Chicago basis, 65½c; July rye on Chicago basis, 68½c.

The city government of Omaha has been selling gasoline at about 3½ cents below the filling station price. This is part of an effort in Nebraska to break up what it alleges is a combination controlling this universally used commodity.

Cattle Receipts and Prices
Calendar Years 1903 to 1923



A Study of This Chart Prepared by Swift & Company Shows the Relation Between Cattle Receipts and Average Annual Prices Since the Year 1903



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 Use it about the home wherever there is filth or a foul odor.

Standardized Guaranteed
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Pastures Need Good Care

BY J. H. FRANSEN

NO DOUBT, it's a big temptation when pastures are looking so nice and green to turn cattle in on the grass as soon as possible. But the farmer who values his grazing land rightly knows that it pays to keep stock off the pasture until the sod has become firm and the grass has started a good growth. Pasturing too early in the season will mean big losses later in the value of the pasture.

Moreover, the sudden switching of cattle from dry stable feeds to new grass exclusively is likely to result in violent derangement in the digestive organs of the cows. The best plan is to start them gradually, say for a few hours in the middle of the day, after they have had a good feed of hay.

For the first few days the cows should be taken back to the yards after a few hours on pasture. Such a plan is desirable not only for the sake of the pasture, but because it gives the cow an opportunity to adapt her system gradually to the change in feed. Too sudden a change from dry feed to pasture often causes a feverish condition that causes bad flavored milk.

Value of Skimmilk for Hogs

BY M. N. BEELER

In a feeding test conducted on the farm of R. C. Obrecht, president of the Shawnee County Farm Bureau, tankage proved to be a better supplement than skimmilk, but a combination of the two proved to be slightly better than tankage.

The test was started February 28 with three lots of 10 hogs each and closed April 30. One lot received corn and tankage in a self-feeder and made an average gain of 134 pounds. This lot made gains at a feed cost of 5.77 cents a pound. Another lot was fed corn and tankage in a self-feeder and a gallon of skimmilk a head a day. They gained 153 pounds each in the 62 days and the feed cost was 5.46 cents a pound of gain. A third lot was fed corn in a self-feeder and skimmilk by hand. They gained 134 pounds a head at a feed cost of 5.57 cents a pound. The protein allowance in this last lot was limited, while that in the other two lots was not.

In making calculations the pigs were valued at the same price, \$7 a hundred pounds at the beginning and end of the test. On this basis the corn and tankage lot made more money than the corn and skimmilk lot, and the corn, tankage and skimmilk lot made more money than the corn and tankage lot but no charge was made for feeding the skimmilk. The skimmilk in the second lot saved 180 pounds of tankage on the basis of the amount of supplement consumed by the corn and tankage lot, but the 565 gallons of milk at 2 cents a gallon which the second lot consumed cost \$11.30 and the tankage it replaced would have cost, at \$3.10 a hundred pounds, \$5.58. The milk consumed by this lot cost \$1.14 more than the tankage consumed by the first lot. The bill for corn was \$4.16 less in the second than in the first lot.

R. W. Kiser, of the Kansas State Agricultural College, who had general supervision of the test considered that the saving of tankage likely would not justify the labor of feeding skimmilk unless it were produced on the farm. The results indicate that hogs will pay about 1 cent a gallon for home produced skimmilk on the basis of tankage saved.

What You Ought to Do

Did you ever stop to think if you would separate that neighbor who is always borrowing your paper from a dollar bill and send it to Kansas Farmer and Mail and Breeze, he could read the paper at his own home for 52 weeks and you would get credit for a whole year on your own paper?

The appropriations to the Kansas State Board of Agriculture average \$18,000 a year for the promotion of our agricultural industry, which yields 700 million dollars annually.

Kansas has more cattle than any one of 45 other states. Three-fourths of the total number are beef cattle.



There's Plenty of Room in this Barn

Here is a barn that affords plenty of room for stalls, pens and alleys and gives an exceptional amount of space in the mow because of the round roof of this type of barn, known as the "Gothic Roof Barn." Farmers who have built this type of barn are enthusiastic about it.

Your herd will be properly housed in this barn, adequately protected from the elements. Dairying is a business and this barn provides the proper equipment to get the most from your cows.

To insure the necessary rigidity of the structure the lumber used in the framing should be strong and durable. Essco lumber will fulfill the demands for a substantial, properly built barn. Ask your lumberman for it.

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Fine Week For Farm Work

Excellent Weather Helped All Crops. Sugar Beet Yield is the Third Largest Ever Known

BY JOHN W. WILKINSON

EXCELLENT crop growing weather prevailed over Kansas this week and also during a good part of last week. There was a fair amount of sunshine and an abundance of moisture in every part of the state. Heavy rains fell in Central and Southern Kansas.

The first half of last week was favorable for farm work and the soil was in fine condition, but in the south central and southeastern counties, where from 2 to 4 inches of rain fell during the latter half, the ground was too wet in the closing days of the week. Several chilly nights resulted in hard freezes in the western third of the state. The eastern two thirds, however, escaped damage either by freeze or frost.

Wheat Growing Rapidly

Wheat continues in good condition and is growing rapidly. It is 6 inches to a foot high over most of the southern half of the state, except the extreme western counties, and 4 to 6 inches high in the northern half, and jointing from the Kaw Valley south. In the northwest counties it will not begin to joint for two weeks yet possibly.

Corn planting was in full swing in the eastern half of the state until the rains began. From 50 to 75 per cent of it is done in the south central and southeastern counties, where much of it is coming up. In the northeastern and northcentral counties 10 to 20 per cent is planted and this work is beginning in the extreme northeastern counties.

Sugar Beet Outlook Good

Western Kansas and Eastern Colorado farmers are showing much interest this year in sugar beets and everything seems to indicate that the acreage will be increased despite the fact that last year's sugar beet crop was the third largest on record. Last year about 7,000,000 short tons of beets were harvested and 6,563,000 tons were sliced for sugar. Only two other crops exceeded that of 1923. The yield for 1920 was 8,538,000 tons and for 1921 it was 7,782,000 tons.

The acre yield of sugar beets in 1923 was greater, however, than in any other year since 1915, being 10.60 tons in 1923 as compared with 9.77 tons in 1922 and 9.55 tons in 1921. According to the United States Department of Agriculture the sugar beet crop of 1923 was worth at least 58 million dollars and the amount may be much more than this as some factories report that additional payments under the contracts may be made to growers a little later if warranted by the sales made. This increase may be as much as 10 per cent.

The 881,000 short tons of refined sugar made from the 1923 beet crop is said to be the third largest production of beet sugar in the United States. Unusual interest in the sugar beet industry is being shown this year by Kansas farmers in the Garden City district.

Kansas Conditions by Counties

Local conditions of crops, livestock, farm work and rural markets are shown in the following county reports

of the special correspondents of the Kansas Farmer and Mail and Breeze:

Barber—One-half inch of rain has replenished the top moisture for all spring crops. Wheat is in good condition. Pasture is good, considering the cool weather. Some kafir has been planted. There are no public sales. Rural market report: Butterfat, 26c; eggs, 15c; butter, 30c; wheat, \$1; corn, 95c; hogs, \$6.30.—J. W. Bibb.

Doniphan—The ground is very dry and we are needing a warm rain to start the grass seed and pastures. The apple trees are in bloom and about three-fourths of them are full. A large number of apple trees have been set out this spring and some small fruit. Rural market report: Eggs, 17c; cream, 30c; corn, 75c; potatoes, 75c; hens, 20c; hogs, 7c.—B. B. Ellis.

Elk—Spring work is under fair headway. Corn planting is nearly finished. Most livestock is on pasture now. Oats fields are turning green and showing a good stand. Wheat is in excellent condition. Roads are rough and are being graded. Some potatoes and corn are coming up.—D. W. Lockhart.

Graham—The weather has been somewhat windy for a few days. Wheat is growing nicely, but is beginning to need a little surface moisture. There is plenty of moisture below the surface, but none above. Corn planting is in progress. All livestock is in fairly good condition.—C. L. Kobler.

Greenwood—We had 1 1/2 inches of rain April 24 which will greatly benefit pastures and growing crops, but will delay farm work. Some corn and kafir has been planted. A large acreage of alfalfa has been sown this spring. Livestock is all on pasture.—John H. Fox.

Harvey—We had a heavy rain April 29 which filled the creeks and washed out culverts. Rural market report: Wheat, 95c; corn, 78c; oats, 52c; bran, \$1.30; shorts, \$1.60; butterfat, 28c; eggs, 17c; hens, 18c; roosters, 8c; bread, 15c, or two loaves 25c.—H. W. Prouty.

Jewell—Recent rains have been of great benefit to the wheat and oats. Fruit trees of all kinds are in full bloom and promise a large yield. Farmers are busy in their corn fields. Pastures are in excellent condition. Wheat pool meetings are being held frequently. Rural market report: Hogs, 6 1/2c; cream, 30c; eggs, 14 to 19c; oats, 50c; corn, 75c; wheat, 85c.—U. S. Godding.

Lyon—We are having more rains lately than are necessary. Wheat is in fine condition. Oats, alfalfa and grass are growing fast. Corn planting is the main occupation this month. Livestock is doing well on pasture. Rural market report: Wheat, 90c; corn, 70c; eggs, 17c; butter, 30c.—E. R. Griffith.

Ness—The past two weeks have been cold and damp. There is too much ice and frost for the spring crops to do well. Wheat is making rapid growth. Corn planting is in progress. There are a few public sales. Livestock and farm machinery do not sell well. Rural market report: Corn, 65c; kafir, 50c to \$1; hogs, \$6.40; eggs, 16c; cream, 25c.—James McHill.

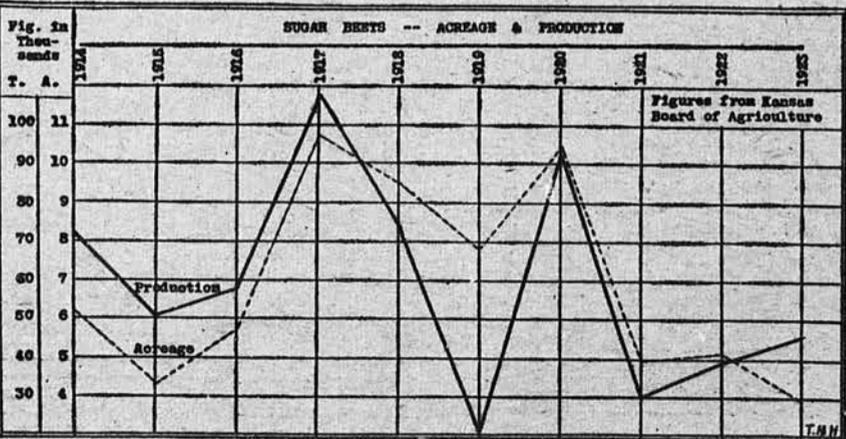
Riley—We had rain here April 26 and the ground is in excellent condition for planting corn, which is now being pushed rapidly. Wheat and oats are looking well since the rain. Gardens and potatoes are progressing nicely. A larger acreage of corn will be planted this year than last. Farm women are busy tending incubators and young chicks. Rural market report: Wheat, 70c; corn, 70c; eggs, 18c; butter, 35c; hogs, \$6.60.—P. O. Hawkinson.

Rooks—A few public sales have been held with fair to good prices prevailing. Farmers Unions are clubbing together and getting their groceries at about one-fourth to one-third less than local prices. A large number of carloads of hogs and cattle have been shipped out during the last two weeks. C. O. Thomas.

Colorado Crop Reports

Colbert—Winter returned April 24 with one of the worst storms of the winter. However, no loss of livestock is reported. A large amount of field work has been done. A large acreage of beans will be planted. Very few gardens and not a large acreage of potatoes have been planted. Rural market report: Eggs, 18c; cream, 37c.—R. E. Patterson.

Morgan—Beet planting is in progress since April 20. Acreage contracted in this locality is about 15 per cent more than last year. It runs much higher in some districts. This is due to the favorable contract. Much Mexican labor is now coming in to do the hand work.—E. J. Leonard.



This Chart Shows the Acreage and Production of Sugar Beets in Kansas From 1914 Thru 1923 As Reported by the State Board of Agriculture

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American Needlewoman McCall's.....	Club 105 all for Kansas Farmer and Mail & Breeze.....	\$1.60
Pathfinder (Weekly).....	Club 106 all for Kansas Farmer and Mail & Breeze.....	\$1.25
Household.....	Club 107 all for Mother's Home Life.....	\$1.60
Pictorial Review.....	Club 108 all for American Needlewoman Kansas Farmer and Mail & Breeze.....	\$2.00
Christian Herald.....	Club 111 all for Good Stories.....	\$2.10
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Boys' Magazine.....	Club 120 all for Kansas Farmer and Mail & Breeze.....	\$1.25
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American Needlewoman American Magazine.....	Club 126 all for Kansas Farmer and Mail & Breeze.....	\$2.65
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McCall's.....	Club 129 all for Gentlewoman.....	\$1.95
Household.....	Club 130 all for Poultry Guide.....	\$1.15
American Fruit Grower.....	Club 131 all for Kansas Farmer and Mail & Breeze.....	\$1.05
Boys' Life.....	Club 132 all for Kansas Farmer and Mail & Breeze.....	\$2.25
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Home Friend.....	Club 136 all for Horticulture.....	\$1.65
Western Poultry Jour.....	Club 137 all for Rural Mechanics.....	\$1.20
Popular Science.....	Club 138 all for Kansas Farmer and Mail & Breeze.....	\$2.75
Modern Pricilla.....	Club 139 all for Kansas Farmer and Mail & Breeze.....	\$2.10

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NOTE—If you should happen not to find your favorite magazines in these clubs, make up a special club of your own and write us for our special price. We can save you money on any combination of Kansas Farmer and Mail & Breeze and any two or more other magazines you want.

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Just a few drops of a new liquid daily in the drinking water seems to render fowls immune from insect pests and disease. An open can of another liquid hung in the poultry house puts an end to the pests that are driven to the roosts and crevices of the henhouse, by giving off a vapor which is harmless to poultry or humans but "poison gas" to vermin.

Insure your poultry profits by getting rid of these expensive pests. No more dusting, dipping or greasing. Imperial Combination Treatment makes all poultry, old and young, healthier, sturdier and grows faster. Breaks up colds and roup. Splendid tonic and blood purifier. Nothing else like it.

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It's easy now to raise 98% of every hatch even incubator chicks, by preventing white diarrhea, and to prove it I will send you a liberal sample FREE of my new tablet to be used in drinking water. Simply send name today to Thos. Southard, veteran poultryman, at 51 W. 13th St., Kansas City, Mo.

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Prompt Free Live Delivery. Per 100 Leghorns, \$10; Rocks, Reds, Orpingtons, Wyandottes, Anconas, \$12; L. Brahmas, \$15; Assorted, \$7.00. Free Catalog gives quantity prices. Missouri Poultry Farms, Columbia, Mo.

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Tom Barron Leghorns from imported Parentage. Non-sitting S. C. Rhode Island Reds and B. C. Reds for egg production; other popular breeds. Low prices. Book your orders now. Feabody Hatchery, Feabody, Kan.

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Capper Poultry Club News

Many Bumps Along Life's Highway But They Make Traveling More Interesting

BY HAZEL M. FLANAGAN
Assistant Club Manager

DID you ever stop to think of the different kinds of people in this world, the different seasons in the year, the different kinds of weather, the different breeds of chickens, cattle, horses and dogs, the different kinds of work? This old world wouldn't be nearly as interesting if every person was either a blonde with blue eyes or a brunette with brown eyes, and if the sun was always shining and it was spring from January 1 to December 31 with violets, lilacs, tulips and fruit blossoms, if there were only Hereford cattle, Percheron horses, and Poland China hogs on the farms, if there were only White Wyandottes and no Langshans, Leghorns, or Orpingtons, if there were only fruit blossoms and no fruit, if there were no roses or sunflowers or larkspur, if there was only one kind of work for everyone. We would get tired of living, don't you think?

But it takes all kinds of people, blondes with brown eyes as well as some with blue eyes and brunettes with blue eyes and some with brown eyes. We couldn't appreciate the sunshine if we didn't have an April shower every few weeks. And can you imagine all farms with horses, sheep, hogs and chickens of the same breed and variety? And work! Indeed life would be anything but interesting if all were stenographers and no one to dictate, or farmers with no one to buy their products, or manufacturers with no one to raise materials for manufacturing, or all housekeepers.

The world is made up of all kinds of people, weather, animals and work. Everyone has his or her work and no one else can do it. Life has many, many bumps, many hills to climb, many rivers of rushing waters to cross along its highway, but if it didn't have, we wouldn't find much pleasure in living. Bumps may jar a little, but nevertheless they make life interesting.

What Are You Starting?

One never knows what is being started by the deeds he or she does every day. That goes to make life interesting. You girls don't know which of you are breeding chickens that may be the prize winners at Madison Square Garden Poultry Show, or breeding a variety that will live forever. That is usually the way lasting things are started, by doing your best. John Howard Payne, a wandering American actor, wrote the words to "Home, Sweet Home," and little did he realize that the song would live forever in the hearts of the American people. The pep of a team usually is dis-

played at their meetings, unless Mr. Weather Man interferes with a hard rain, and reports of fine meetings have already begun to reach us. Originality counts at the end of the contest, so girls, get your heads together and think up interesting and original ideas to work out at your meetings.

"We held our first meeting last week and certainly had a fine time," writes Laura Moellman, leader of the Lyon county Capper Poultry Club. "I surely was delighted, for all of the members were present. I had some news items put in the paper, and also a write-up of our monthly meeting. The issue of our monthly paper is almost ready to be mailed out."

"The April meeting of the Linn-Anderson team was held April 12, at my home. All members were present, except one. She was entertaining the mumps that night. We had 23 members and guests present." This is the report from Rubie Guffey, leader of that team. Didn't I prophesy there was pep in that team? We hope the member who entertained the mumps will be more considerate next time and not entertain such company on the night of club meeting.

Chickens are Working Too

"We are going to move soon, but we're only going to move a short distance, so I am going to keep my chickens and stay in the club. I gather from five to seven eggs a day from my eight hens. Isn't that fine? I bought a new hat with money made from my chickens." This is the report Eva Goller makes on her chickens. It sounds as if they are working for the first prize in the pen department, doesn't it?

Why Don't You Do It?

Get a dollar from one of your neighbors who is not a subscriber of Kansas Farmer and Mail and Breeze and send it to this company and you will receive your paper a year free as a reward.

"Vitamin" is not likely to be found in the dictionary yet; it is the name given something that no one has yet seen. But the presence or absence of vitamins in food has a known effect on growth and health. Leafy foods and milk contain a growth-promoting vitamin.

The value of surplus poultry and eggs sold from the farms of Kansas in 1921 was more than 22 million dollars. This was 7 million dollars more than the amount paid to France by the United States for the Louisiana territory.

Power Farming for Big Jobs

BY FRANK A. MECKEL

FROM all over the state come reports of power farmers who are accomplishing big things by means of their power farming machinery. They are farming on a large scale simply because they have adequate power with which to do their work. Many of them are enjoying a great deal of service and good from their tractors and implements which would tend to discount many of the impressions given by the skeptics as to the life and depreciation of tractors and power farming machinery in general.

We quote from a letter written by K. B. Reimer in which he says, "I bought a 16-30 tractor in July 1918, and since that time I have plowed about 3,000 acres, or an average of 500 acres every season. This plowing was mostly all done for wheat and about 80 per cent of the seeding was done with the tractor.

"During 1923, I plowed 400 acres, cultivated another 50 acres, but on account of the wet season last fall I only used my tractor for seeding about 200 acres. This is the least work I have done with the machine in any year since I have owned it but that is not the fault of the tractor.

"I burn cheap fuel, buying distillate at a cost of 8.2 cents a gallon. My total cost for fuel for 1923 was \$75. During the year I purchased two barrels of motor oil and still have over a half barrel of this on hand. My fuel will average about 2 gallons to the acre for plowing.

"I also pull a combine harvester-thresher and grain wagon with my tractor and find that I can harvest a crop of wheat in much less time than I ever harvested it with horses. It gives me a better chance to get my wheat out of the way and get my land in shape for another crop before the real dry weather starts."

Mr. Reimer is a Kansas farmer, living near Meade, and we feel sure that his letter will be of interest to a great many of our readers.

ADVERTISEMENT

White Diarrhea

Remarkable Experience of Mrs. C. M. Bradshaw in Preventing White Diarrhea

The following letter will no doubt be of utmost interest to poultry raisers who have had serious losses from White Diarrhea. We will let Mrs. Bradshaw tell of her experience in her own words:

"Gentlemen: I see reports of so many losing their little chicks with White Diarrhea, so thought I would tell my experience. I used to lose a great many from this cause, tried many remedies and was about discouraged. As a last resort I sent to the Walker Remedy Co., Dept. 47, Waterloo, Iowa, for their Walko White Diarrhea Remedy. I used two 50c packages, raised 300 White Wyandottes and never lost one or had one sick after giving the medicine and my chickens are larger and healthier than ever before. I have found this company thoroughly reliable and always get the remedy by return mail.—Mrs. C. M. Bradshaw, Beaconsfield, Iowa."

Cause of White Diarrhea

White Diarrhea is caused by the Bacillus Bacterium Pullorum. This germ is transmitted to the baby chick through the yolk of the newly hatched egg. Readers are warned to beware of White Diarrhea. Don't wait until it kills half your chicks. Take the "stitch in time that saves nine." Remember, there is scarcely a hatch without some infected chicks. Don't let these few infect your entire flock. Prevent it. Give Walko in all drinking water for the first two weeks and you won't lose one chick where you lost hundreds before. These letters prove it:

Never Lost a Single Chick

Mrs. L. L. Tam, Burnett, Creek, Ind., writes: "I have lost my share of chicks from White Diarrhea. Finally I sent for two packages of Walko. I raised over 500 chicks and I never lost a single chick from White Diarrhea. Walko not only prevents White Diarrhea, but it gives the chicks strength and vigor; they develop quicker and feather earlier."

Never Lost One After First Dose

Mrs. Ethel Rhoades, Shenandoah, Iowa, writes: "My first incubator chicks, when but a few days old, began to die by the dozens with White Diarrhea. I tried different remedies and was about discouraged with the chicken business. Finally, I sent to the Walker Remedy Co., Waterloo, Iowa, for a box of their Walko White Diarrhea Remedy. It's just the only thing for this terrible disease. We raised 700 thrifty, healthy chicks and never lost a single chick after the first dose."

You Run No Risk

We will send Walko White Diarrhea Remedy entirely at our risk—postage prepaid—so you can see for yourself what a wonder-working remedy it is for White Diarrhea in baby chicks. So you can prove—as thousands have proven—that it will stop your losses and double, treble, even quadruple your profits. Send 50c for package of Walko—give it in all drinking water for the first two weeks and watch results. You'll find you won't lose one chick where you lost hundreds before. It's a positive fact. We guarantee it. The Leavitt & Johnson National Bank, the oldest and strongest bank in Waterloo, Iowa, stands back of this guarantee. You run no risk. If you don't find it the greatest little chick saver you ever used, your money will be instantly refunded.

WALKER REMEDY CO., Dept. 47, Waterloo, Iowa.

Send me the [] 50c regular size (or [] \$1 economical large size) package of Walko White Diarrhea Remedy to try at your risk. Send it on your positive guarantee to instantly refund my money if not satisfied in every way. I am enclosing 50c (or \$1.00). (P. O. money order, check or currency acceptable.)

Name

Town

State..... R. F. D.....

Mark (X) in square indicating size package wanted. Large package contains nearly three times as much as small. No war tax.

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RELIABLE ADVERTISING
We believe that all classified advertisements in this paper are reliable and we exercise the utmost care in accepting this class of advertising. However, as practically everything advertised has no fixed market value and opinions as to worth vary, we cannot guarantee satisfaction, or include classified advertisements within the guaranty on Display Advertisements. In cases of honest dispute we will endeavor to bring about a satisfactory adjustment between buyer and seller, but we will not attempt to settle disputes where the parties have violated each other before appealing to us.

AGENTS WANTED
RUMMAGE SALES MAKE \$50.00 DAILY. Offer wonderful values. We start you. Wholesale Distributors, Dept. 101, 603 Division Street, Chicago.
WOODROW WILSON'S LIFE BY JOSEPHUS DANIELS going like hot cakes. Send for free outfit. Book written here. Jenkins Bible Co., Washington, D. C.
LIGHTNING STRANGE BATTERY COMPANY. Charges discharged batteries instantly. Eliminates old method entirely. Galton free to agents. Lightning Co., St. Paul, Minn.
GOLD MINE FOR SALESMEN. NEW INVENTION. A complete outfit. Washes and dries windows, sweeps, scrubs, mops, etc. Costs less than brooms. Over 100% profit. Greatest year round seller. Write Harper Brush Works, 170 2nd Street, Fairfield, Ia.

SALESMEN WANTED
SALESMEN EARN \$40 TO \$75 A WEEK selling our famous fruit and ornamental trees, plants, flowers, etc. All or part time. No experience needed. Write today for our sales plan. Mt. Hope Nursery, Box 299, Lawrence, Kan.

EDUCATIONAL
FOREST RANGERS, POSTAL CLERKS and other Government help needed; steady work; particulars free. Write Mokane, B-71, Denver, Colo.
MEN—AGE 18-40, WANTING RAILWAY Station office positions \$115-\$250 month. Free transportation, experience unnecessary. Write Baker, Supt. 31, Walnut St., St. Louis.

BUSINESS OPPORTUNITIES
\$41.21 DAILY AVERAGE WAS EARNED by Johnson, a student, during vacation. In a week Engelson, a farmer, sold \$1178.25. Evans \$1878.85 and Clavier \$219.68. The oldest, largest and best equipped woolen mills in the Northwest selling direct to consumer offers you a like opportunity. \$75.00 required. Pergus Falls Woolen Mills Co., Pergus Falls, Minnesota.
SERVICES OFFERED
PLEATING ALL KINDS, HEMSTITCHING. Finest class work, prompt service. Mrs. M. J. Marter, 644 Topeka Blvd., Topeka, Kan.

TIPEWRITERS
TIPEWRITERS TRIAL; PAYMENTS guaranteed. Write Teix Typewriter Co., Shawnee, Kan.

MOTOR OILS AND SUPPLIES
YOU CAN SAVE MONEY ON MOTOR AND tractor oils. Write for prepaid prices. A. V. Small, Augusta, Kan.

HONEY FOR SALE
THE BEST HONEY, VERY FINEST quality, light color, 5 pound cans, postpaid \$1.45. C. O. D. if desired. Satisfaction guaranteed. Colorado Honey Producers' Association, Denver, Colo.

TOBACCO
TOBACCO; WRITE FOR SPECIAL PRICES. Big sample 10c. Trout & Son, Hickory, Ky.
TOBACCO—FINE YELLOW MAMMOTH chewing, 10 lbs., \$1. Smoking, 10 lbs., \$2; 20 lbs., \$3.75. Farmers' Club, Mayfield, Ky.
LOOK! MILD SMOKING TOBACCO, GUAR-anteed quality, 10 lbs., \$1.50. Pipe free. Agent, mellow chewing, 4 lbs., \$1. Farmers' Club, Box 2, Hazel, Ky.
HOMERUN TOBACCO, CHEWING, 5 LBS. \$1.75; ten \$2. Smoking, 4 lbs., \$1.25; ten \$2. Fry when received. Pipe and recipe free. Farmers' Union, Paducah, Ky.
HOMERUN TOBACCO, CHEWING, FIVE pounds \$1.75; ten \$2. Smoking, five pounds \$1.25; ten \$2. Pipe and recipe free. Fry when received. Co-operative Farmers, Paducah, Ky.
HOMERUN TOBACCO, FIVE POUNDS chewing, \$1.75; ten \$2; twenty \$3.25. Smoking, five pounds \$1.25; ten \$2; twenty \$1.50. Pipe and recipe free. Send no money. Fry when received. Kentucky Tobacco Co., Paducah, Ky.

SEEDS—PLANTS—NURSERY STOCK
RECLEANED SUDAN, 10c POUND, JOHN Linke, Geneseo, Kan.
SUDAN SEED \$9 PER HUNDRED, EX-tra good. D. O. Gifford, Burlington, Kan.
RECLEANED SUDAN 7c POUND, SUMAC Cane \$2 cwt. Carroll Inloes, Wakeeney, Kan.
KANOTA OATS, KANSAS ORANGE CANE, recleaned, certified. Taylor Sons, Chapman, Kan.
FOR SALE, SABLE SOY BEANS; INOC-ulated, \$3 per bushel. W. H. Pettit, Humboldt, Kan.
TOMATOES AND CABBAGE; 50c-100; \$3.50-1.000. A. M. Samuelson, Route 3, North Topeka, Kan.
RECLEANED SUDAN \$10 HUNDRED, Germination 98. Francis Prockish, Westmoreland, Kan.
ITO SAN SOY BEANS, GOOD QUALITY seed \$3 per bushel. Chester Johnston, Rt. 8, Ft. Scott, Kan.
ALFALFA, SWEET CLOVER, RE-cleaned, \$5 bushel; sacks 45c. Robert Snodgrass, Augusta, Kan.
SWEET POTATO PLANTS, 16 VARIETIES, from treated seed. Write for prices. Johnson Bros., Wamego, Kan.
ORANGE CANE AND AFRICAN MILLET, \$1.10 per bushel. Sudan 8 cents. Sacked. Henry E. Janzen, Geneseo, Kan.
CERTIFIED BLACKHULL KAFIR SEED germination test 97%. \$2.00 per bushel. Lloyd Randel, Osage City, Kan.
GRADED WHITE WONDER MILLET, Sunshine and Pink Kafir, White Cane, \$1. B. F. Hinkhouse, Falco, Kan.

NOW IS THE TIME TO PLANT CEDARS. They are \$2 per hundred at the Pawnee Rock Nursery, Pawnee Rock, Kan.
WHITE SWEET CLOVER, FARMER'S prices. Sow when you would alfalfa. Information. John Lewis, Virgil, Kan.
RECLEANED, TESTED SUDAN \$8 HUN-dred; Red Amber Cane 90c bushel. Bags extra. Lott & Stine Co., Glasco, Kan.
KANSAS ORANGE CANE, CERTIFIED pure seed, good germination. Write for samples and prices. Stants Bros., Abilene, Kan.
PURE KANSAS ORANGE CANE, RE-cleaned, sacked, \$1.50 bushel. G. F. Friesen, Cottonwood Grove Farm, Hillsboro, Kan.
SUDAN \$8, RED AMBER \$1.60, SUMAC \$2, Golden Millet \$2, Red Orange \$1.70; all per 100 lbs. Northwestern Seed House, Oberlin, Kan.
FANCY HOME GROWN ALFALFA SEED, Sudan, Orange and Sumac Cane. Write for samples and prices. Lockstrom & Hedderstedt, Salina, Kan.
TOMATO: EARLIANA, BONNY BEST; Sweet Potato, Red Bermuda, Yellow Jersey, 50c-100, \$4-1000, postpaid. Ernest Darland, Codel, Kan.
FANCY SUDAN SEED; RECLEANED, sacked, new bags, \$8 per cwt. delivered our station. J. W. Pinkerton, Grain Elevator, Clay Center, Kan.
ALFALFA \$8, SUDAN GRASS \$4, GERMAN Millet \$2.50, Soy Beans \$2.75, Cane \$1.25 per bushel, sacked. Standard Seed Co., 107 East 6th St., Kansas City, Mo.

WATERMELONS; KLECKLEYS, WAT-sons, Irish Grey, Golden Honey yellow meated, all 60 cents per pound, postpaid. Northwestern Seed House, Oberlin, Kan.
TOMATO AND CABBAGE PLANTS. Ready now, \$1 thousand, any quantity, by express. Plants are stocky. Delivery guaranteed. Coleman Plant Farms, Tifton, Ga.
PURE CERTIFIED DWARF YELLOW Milo; also pure Ames Amber Cane. Greatest variety grown for ensilage or sorghum, 1 1/2 cents. W. H. Williamson, Raymond, Kan.
NANCY HALL, RED BEREMUDA, PORTO Rico, Yellow Jersey, 50c per 100, \$4 per 1000, postpaid. Tomato: Bonnie Best \$1 per 100, postpaid. T. Marion Crawford, Salina, Kan.
PLANTS: FLOWER, VEGETABLE, VINE and bulb plants. Cannas, roses, shrubs, perennials, etc. Delivered prepaid prices. Send for catalog. Weaver Gardens, Wichita, Kan.
FINE HEAVY RED AMBER CANE SEED, best yielder, \$1.50 per 100, sacked, P. O. B. Leoti, Kan. Write for sample and prices on 500 bushel car. Fred Johnson, Marienthal, Kan.
STRAWBERRY PLANTS, CLEAN UP sale. 25c-41c, 500-11.75, 1000-23, 5000-112.50, postpaid. Finest quality Senator Dunlap (certified) and state inspected. H. Thale, Durham, Mo.
SWEET POTATO PLANTS, DELIVERED prepaid. Ready now. Orders filled day received. Jerseys, Halls, Porto, 200 \$1.00; 1000 \$4.50; Black Spanish, Southern Queen \$2 \$1.00. Weaver Gardens, Wichita, Kan.
CERTIFIED SEED CORN, KAFIR, MILO, Sorgho, Sudan grass, Soybeans and other seeds for sale. High germination and purity. For list of growers write the Kansas Crop Improvement Association, Manhattan, Kan.
SWEET POTATO PLANTS FROM CERTI-fied seed; prompt shipment. 100-45c; 500-11.75, 1000-23, postpaid. Nancy Hall, Porto Rico, Yellow Yam, Southern Queen, Dutch Yam, Triumph, Ozark Nursery, Tablequah, Okla.
PLANTS; NANCY HALL, YELLOW JER-sey Sweet Potatoes, 40c hundred, \$2.50 thousand. Cabbage, Tomatoes, 50c hundred, \$4 thousand. Egg plant, Pepper, 65c hundred, 10c dozen, postpaid. H. T. Jackson, North Topeka, Kan.
STRAWBERRY PLANTS (CERTIFIED). Klondyke and Senator Dunlap; 200-41c; 500-11.75; 1000-23. Progressive Ever-bearing \$1-1.00. All postpaid. Directions for growing and price list free. Ideal Fruit Farm, Stillwell, Okla.
HARDY FIELD GROWN—PERENNIALS, bulbs, roses, shrubbery, vines, peonies, iris, bedding, strawberry, flower, garden, vegetable plants. Asparagus, rhubarb roots. Delivered prepaid. Send for catalog. Weaver Gardens, Wichita, Kan.

SEEDS—PLANTS—NURSERY STOCK
SUDAN GRASS SEED, WHEELER'S IM-proved, certified, 100% pure, 94% germination, recleaned. "Best Manhattan Experiment Station ever purchased," says Prof. Call. Send for booklet, sample and prices. Carl Wheeler, Bridgport, Kan.
FARM SEEDS, RED AND BLACK AMBER Cane \$1.50 per 100 pounds. Sumac \$2.25 per 100 pounds. Sudan \$8 per 100 pounds. Siberian Golden and Common Millet \$1.60 per 100 pounds. Sacked, F. O. B. Quinter, Kan. Cash Produce, Quinter, Kan., Box 41.
SCARBROUGH DWARF BROOM CORN seed \$4; Spanish Standard \$3; Amber, Orange and Sourless \$1.75; Red Top \$2.25; White and Red Kafir \$2; Red Crook Neck, Feterita, Hegari, all \$2.50; Wonder Millet \$4; Sudan \$8, all per 100 lbs. Claycomb Seed Store, Guyton, Okla.
RECLEANED FIELD SEEDS, BLACK AM-ber \$1.70; Kansas Orange, Red Orange and Sourless Orange, \$2; Sumac, \$3; Seeded Ribbon, \$3; Black Hull, White Kafir, \$2.25; Pink Kafir, Shrock Feterita, \$3; Sudan \$10 per cwt., our track. Samples, 50c; jute bags, 30c. All seeds tested. Samples on request. The L. C. Adam Merc. Co., Cedar Vale, Kan.
PLANTS THAT GROW: SWEET POT-atoes; Nancy Hall, Red Bermuda, Southern Queen, Triumph, Black Spanish, Big Stem Jersey, Yellow Jersey, Red Jersey. Tomatoes: Early June, Pink Early June, Earliana, Chalks Jewel, Bonny Best, John Bear, Norton, Fordhook First, Stone, Matchless, Truckers' Favorite, Mississippi Girl, Ponderosa, Yellow Ponderosa, Dwarf Stone, Dwarf Champion, Dwarf Giant, Yellow Pear, 45c-100, \$3.50-1000, \$15-5000. Red Head and Self Pruning Tomato, 65c-100. Transplanted tomatoes 25c additional per 100. Cabbage: nine leading varieties, 40c-100, \$3-1000, \$12-5000. Peppers: seven tried varieties. Celery, Cauliflower, Egg Plant, 65c-100, \$5-1000. All prepaid to first and second zone. Add 5% for each additional zone. All orders will receive my personal attention. Satisfaction guaranteed. C. R. Goerke, Sterling, Kan.

PATENT ATTORNEYS
PATENTS, BOOKLET AND ADVICE FREE. Watson E. Coleman, Patent Lawyer, 644 G Street, N. W., Washington, D. C.
INVENTOR: SEND SKETCH OR MODEL for opinion concerning patentable nature and exact cost of patent. Book "How to Obtain a Patent," sent free. Tells what every inventor should know. Established twenty-eight years. Highest references. Prompt service. Reasonable charges. Chandler & Chandler, 487 Seventh, Washington, D. C.
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AUTO SUPPLIES
USED PARTS, FORD, CHEVROLET, Dodge only. Fixit Shop, Dighton, Kan.
AUTO PARTS, NEW AND USED, ALL cars. Lowest prices. Shipped on approval. Used Auto Parts Store, Fort Scott, Kan.
STRAYED NOTICE
TAKEN UP BY L. L. JACKS, MUNCIE, Kan., on April 11, 1924, one Black horse about 16 1/2 hands high, about 9 years old, lame in right foot, weight 1100 pounds, William Beggs, County Clerk, Wyandotte County, Kansas City, Kan.

MACHINERY FOR SALE OR TRADE
20-60 OIL TRACTOR, 40x62 CASE SEP-erator, good shape, cheap. Joseph Mallin, Ellsworth, Kan.
AVERY TRACTOR 18-36, LITTLE USED; Emerson plow. Half price. E. A. Johnson, Ellis, Kan.
FOR SALE OR TRADE; LARGE MINNE-apolis gas threshing machine, almost new. Wes King, Byers, Kan.
REPAIR FLYING SWEDE CULTIVATORS now pre-war prices, O'Neil Implement Mfg. Co., Kansas City, Mo.
THRESHING OUTFIT; 32-INCH SEPAR-ator; 25-horsepower steam engine. Bishop & Carnahan, Conway Springs, Kan.
32 HORSE POWER ENGINE, 40 INCH separator in good condition, at a bargain. Henry Muir, Route 4, Salina, Kan.
FOR SALE; MCCORMICK HARVESTER, Thresher, cut less than four hundred acres. Thompson Brothers, Minneapolis, Kan.
FOR SALE; 20-60 OIL PULL, 36x60 RUM-ely Steel Separator. Will take 25-inch Twin City or 26-inch case separator on trade. Wm. Klenke, Bellefont, Kan.
THRESHERMEN: FOR MORE PROFIT and less expense use Humane Extension Feeders. Belts sold, exchanged, spliced, repaired. Richardson Mfg. Co., Cawker, Kan.
ONE 22-46 CASE TRACTOR IN THE BEST of shape. Like new. One 12-25 Avery, new. Will take Ford truck on this. One 8-15 Avery, first class. Box 229, Miltonvale, Kan.
FOR SALE, 20-60, 16-20, 12-20 RUMELY Tractors. Rebuilt like new. 25-50 Avery good condition. 24x56 and 22x35 Rumely separators. Rebuilt. Write or phone us. Abilens Tractor & Thresher Co., Abilens, Kan.
PLOWING OUTFIT; 15 TON (50-75) HOLT Caterpillar, 11 bottom Grand Detour self-lift plow. Emerson 18 disk plow. Packers 2-5 ft. section. Two 10 ft. tandem disk harrows. 4 disk P. & O. plow. Roy Einsel, Greensburg, Kan.

MACHINERY WANTED
WANTED: GEARS FOR 30-60 OIL-PULL, Schiereth, Jetmore, Kan.

KODAK FINISHING
FILM ROLLS DEVELOPED FREE TRIAL, order. Send 25c for 4 beautiful Glossitone prints or reprints. Fast service. Day Night Studio, Sedalia, Mo.

WANT TO BUY
WANTED: SUDAN, ALFALFA, ORANGE Cane seeds, good qualities. Send samples, name price. Mitchell Seed Co., St. Joseph, Mo.

MISCELLANEOUS
BLUE AMBEROLA CYLINDER RECORDS 20c. Stamp brings catalogue. National Record Exchange, Wichita, Kan.
BUY LUMBER, BUILDING MATERIAL, and bale ties wholesale direct consumer. McKee-Fleming Lbr. & Material Co., Emporia, Kan.
WANTED: LOCATION TO PLOW AND thresh in wheat belt. Have 16-30 OH Pull. Or will trade for land. E. M. Pinneo, Paola, Kan.
WANTED: HIDES AND WOOL, SHIP-ments solicited. Honest weights, quick returns. Correspondence invited. DeJarnette Hide Co., Parsons, Kan.
100 SHEETS GOOD BOND PAPER, 100 envelopes to match. Printed, not over 4 lines on each. Delivered to your door, \$1. Graphic Arts Press, Pueblo, Colo.
A CLARION CALL TO WOMEN, WITH at once for copy. The Importance of Motherhood. A book every woman should have. Written by registered nurse. While they last 50 cents. Address Kathryn S. Hubbell, R. N., Eldorado, Kan.

FUR BEARING ANIMALS
PURE BRED SILVER-BLACK FOXES. Most profitable side line for farmers. Catalog. William Rambo, 407 West Sprague Avenue, Spokane, Wash.
BEE SUPPLIES
BEE SUPPLIES OF BEST QUALITY. Write for catalog. We save you money. The Colorado Honey Producers' Association, Denver, Colo.
DOGS
PURE BRED COLLIES, WRITE FOR prices. L. A. Poe, Hunnewell, Kan.
PIT BULL PUPS; MALES FIVE DOLLARS each. Cyrus Delmont, Long Island, Kan.
AIREDALE COLLIE MALE PUPS, \$7.00. Sire and dam registered. U. A. Gore, Seward, Kan.
FOX TERRIER PUPS, ANCESTORS EX-ceptional ratters. \$5 each. Frisco Hansen, Tampa, Kan.
BEAUTIFUL COLLIES, SHEPHERDS, Fox Terrier puppies. Maxmeadow Kennels, Clay Center, Neb.
COLLIES; PUPPIES, MALES \$6, FEMALES \$3.50. Young female and five puppies \$20. Last call. Frank Barrington, Sedan, Kan.
GERMAN SHEPHERD; AIREDALES; COL-lies; Old English Shepherd dogs; puppies. 10c illustrated instructive list. W. R. Watson, Box 21, Macon, Mo.

POULTRY
Poultry Advertisers: Be sure to state on your order the heading under which you want your advertisement run. We cannot be responsible for correct classification of ads containing more than one product unless the classification is stated on order.

ANCONAS
SHEPPARD'S HEAVY LAYING ANCONAS. Chicks \$12.50-100, for June delivery \$10.50-100, prepaid, live delivery. James Christensen, Canton, Kan.
Ancona—Eggs
SINGLE ANCONA EGGS FROM PRIZE and record flock, \$4-100. Amiel Dorf, Osage City, Kan.
ALL WINTER LAYERS; ANCONAS, SHEP-pard Ash's strain. Eggs \$5 per 100; chicks \$12 per hundred. Prepaid. Anna Gillen, Downs, Kan.
EGGS: FIRST PEN WONDERFUL GOOD cockerel direct from Sheppard, mated to imported hens, eggs \$5 per setting. Extra good flock eggs \$6 per hundred. Satisfaction guaranteed. Shem Yoder, Yoder, Kan.

Andalusian—Eggs
BLUE ANDALUSIAN EGGS \$7 HUNDRED. C. J. Stout, 1513 W-80, Ave., Emporia, Kan.
PURE BRED BLUE ANDALUSIAN EGGS \$7 hundred. Mrs. Roy Trueman, Holton, Kan.

BRAHMAS
LIGHT BRAHMA EGGS AND BABY chicks. Loretta Seimears, Howard, Kan.
PURE BRED MAMMOTH LIGHT BRAH-mas; 15 eggs \$1.50. Cora Lilly, 418 Port East Avenue, Topeka, Kan.

Bantam—Eggs
BANTAM EGGS: GOLDEN SEABRIGHTS, \$1.25 for seventeen. By express only. Paul Peffley, Eldorado, Kan.
Hamburg—Eggs
ROSE COMB SILVER SPANGLED HAM-burg eggs, 15-1.25, 100-\$6.00, prepaid. Walter Tush, Valley Falls, Kan.

JERSEY BLACK GIANTS
GIANTS; EGGS \$10-100 BALANCE SEA-son. Chicks \$40 hundred prepaid. Insured delivery. Mrs. S. A. Bassett, Homewood, Kan.

BABY CHICKS

YOUNKIN'S CHICKS SOLD AT FARMERS' prices. Younkin's Hatchery, Wakefield, Kan.

STATE CERTIFIED AND UTILITY chicks. Master Breeders Hatchery, Charleville, Kan.

CHICKS: LEADING VARIETIES. OUR big illustrated chick book free. Comfort Hatchery, Windsor, Mo.

PURE BRED S. C. BUFF LEGHORN chicks. Circular free. 13th year. Alf Johnson, Leonardville, Kan.

CHICKS: LEGHORNS 10 CENTS, LARGE breeds 12 cents. 100% guaranteed. Hamilton's Hatchery, Garnett, Kan.

CHICKS: LEGHORNS \$10-100. ANCONAS, Reds, Rocks, Wyandottes, Orpingtons, 12. James Wilcox, Rulo, Neb.

MAY AND JUNE CHIX AT REDUCED prices from Cheney's White Leghorn Farm, Topeka, Kan., Route 5.

WHITE LEGHORN CHICKS 10c EACH, BY 100 or 1000. Hogan tested 7 years. Kansas Hatchery, Mullinville, Kan.

BUY YOUR QUALITY CHICKS FROM A poultry judge. Illustrated catalog free. Smiley's Hatchery, Seward, Neb.

MAY CHIX, POSTPAID 13c. ROSE COMB Red, heavy layers, 300 egg strain males. Mrs. Alex Leitch, Parkerville, Kan.

GOOD S. C. RED CHICKS \$14 PER 100, from 200 egg flock. Hatching the 10th. Prepaid. Percy Marshall, Clifton, Kan.

CHICKS—SPECIAL LOW PRICES ON OUR Barron S. C. White Leghorns for May and June. Queen Hatchery, Clay Center, Kan.

BABY CHICKS: PURE BRED REDS, Barred and Buff Rocks, live delivery, \$12 hundred postpaid. Mrs. Ed Lacy, Eureka, Kan.

BABY CHICKS, JUNE, JULY DELIVERY. Leghorns \$9; Rocks, Reds, Orpingtons, \$10 postpaid. Ideal Hatchery, Eskridge, Kan.

DEAN HARR'S PURE BRED CHICKS. 16 winning varieties. Don't order until you get Harr's free catalog. Harr Farms, Box F502, Wichita, Kan.

CHICK PRICES SLASHED IN OUR BIG summer sale! 16 varieties, now 8c up. Postpaid. Free catalog. Booth Farms, Box 553, Clinton, Mo.

QUALITY CHICKS, REDS \$13-100; ROCKS, Anconas, Wyandottes, Langshans, \$12; Leghorns \$10, postpaid alive. Jenkins Poultry Farm, Jewell, Kan.

STERLING QUALITY CHICKS, 500,000. They have strong vitality, mature quick; from prolific egg producers. Catalog free. P. F. Clardy, Ethel, Mo.

QUALITY CHICKS: REDS \$12-100; ROCKS, Anconas, Wyandottes, Langshans, \$10.50; Leghorns \$8.50; leftovers \$3; postpaid, alive. Jenkins Poultry Farm, Jewell, Kan.

SINGLE COMB WHITE LEGHORN chicks, Frantz-Barron strain. Reduced prices after April 15. Write for circular. Myers Hatchery, Clay Center, Kan.

SUPER PURE BRED CHICKS. LEADING varieties. Special discount on early orders. Stock and eggs. Catalog free. Union Poultry Co., Box L, La Porte City, Iowa.

BABY CHICKS, DUCKLINGS, 100% LIVE arrival guaranteed, prepaid. Exhibition heavy laying strains. Free catalog. Heidel Poultry Farms, Dept. G, St. Louis, Mo.

PURE BRED CHICKS FROM UTILITY farm flocks. R. C., S. C. Reds, Barred Rocks, Orpingtons, with several prize winners. Oak Hill Poultry Farm, Manhattan, Kan.

SPECIAL LOW PRICES ON HIGHEST quality baby chicks, May and June delivery, 9 cents and up. Order today. Parsons Poultry Farm & Hatchery, Parsons, Kan.

SINGLE COMB WHITE LEGHORN BABY chicks, Barron 250 to 280 egg strain, \$12 per hundred. Prepaid, live delivery guaranteed. Wylie's Hatchery, Clay Center, Kan.

E. B. TOMPKINS RINGLET ROCKS. Orders filled year round 1 1/2c; Leghorns 10c. Baby chicks all ages. Pullets, different breeds. Wilson's Hatchery, Quenemo, Kan.

APPROVED BABY CHICKS, FROM white diarrhea tested flocks. Pre-war prices. Circulars free. Full live delivery guaranteed. Sedalia Poultry Farm, Sedalia, Mo., Box 3.

ROSS CHICKS, 350,000. STANDARD breed. High egg records. Compare our prices and quality with others. Prepaid live delivery. Ross Hatchery, Box K, Junction City, Kan.

PURE BRED ROSE COMB DARK BROWN and White Leghorn chicks \$10. Buff Orpington, Barred Rocks, \$12, postpaid. Alive. Satisfaction. Eggs \$5. Belleville Hatchery, Belleville, Kan.

QUALITY ROSE COMB REDS. HEAVY layers. Cockerels three years from 300 egg strains. Chicks 15 cents postpaid. Satisfaction guaranteed. Eggs. Adda Walker, White City, Kan.

BABY CHICKS FROM HEAVY LAYING strains. All leading pure breeds. Low prices. Prepaid. Live delivery guaranteed. Catalog free. Smith Bros. Hatcheries, Mexico, Mo.

BABY CHICKS: ROCKS, REDS, ORPINGTONS, Wyandottes, Leghorns. Orders filled year round. Large breeds 11c; small 9c. Postpaid. Ivy Vine Hatchery, Floyd Bosarth, Manager, Maple Hill, Kan.

CHICKS 10c UP. 16 LEADING VARIETIES. Carefully selected, pure bred, tested for heavy laying. Satisfaction guaranteed. Custom hatching 4c per egg. Steinhoff Hatchery, Osage City, Kan.

REAL QUALITY CHICKS FROM HIGH grade stock, carefully selected for heavy egg production. Best paying varieties. Satisfaction guaranteed. Catalog free. Ancona Hatchery, Abilene, Kan.

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GOOD Montana Farms—Near Havre, \$10 to \$20 acre. Write Lou Lucke, Havre, Mont.

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WRITE for free list of farms in Ozarks. Douglas County Abstract Co., Ava, Mo.

LISTEN! 40 acre impr. farm 1985. Terms. Other farms. McGrath, Mountain View, Mo.

MISSOURI 40 acres truck and poultry land \$5 down and \$5 monthly. Price \$200. Write for list. Box 22A, Elkwood, Mo.

FOOB MAN'S CHANCE—\$5 down, \$5 monthly buys forty acres grain, fruit, poultry land, some timber, near town, price \$200. Other bargains. Box 425-O, Carthage, Missouri.

SALE OR EXCHANGE

TRADES EVERYWHERE—What have you? Big list free. Bernis Agency, Eldorado, Kas.

BARGAINS—East Kan., West Mo. farms—sale or exch. Sewell Land Co., Garnett, Kas.

WANT TO HEAR from owners willing to trade for Southern Idaho irrigated farms. Describe and address Box 33, Boise, Idaho.

21 FARMS, Jackson and adjoining counties, to trade for clear Western Kansas land. The Rafter Farm Mortgage Co., Holton, Kas.

FIRST CLASS FARM EQUITIES to exchange for clear running stores or good clear city property. Address L. H. Funk, 1003 Walnut St., Kansas City, Mo.

80-ACRE well imp. Dairy and Poultry Farm, 15 mi. Topeka, 2 1/2 mi. town, high school, 1/2 mi. school. \$6000. Want mdae. Write owner, Rolland Macy, 1012 Madison, Topeka, Kan.

TRADE Colorado ranch, irrigated lands and good first mortgage loan for well improved east Kansas or Missouri farm. A. W. Haigler, Colorado Springs, Colo., Box 214.

CLEAR HARDWARE STOCK, will invoice around \$18,000; want choice 160 acres of land. Vrooman Loan & Realty Co., Topeka, Kan., 820 Kansas Avenue.

NOTE OUR NEW CLASSIFIED SECTION

If you have only one or two well bred gilts, boars, calves, or other livestock for sale somebody wants them.

Put in a classified ad and sell them profitably. The same low rates apply as for other classified advertising.

Livestock Classified Advertisements

Rate: 10 cents a word, each insertion, on orders for less than four insertions; four or more consecutive insertions the rate is 8 cents a word. Count as a word each abbreviation, initial or number in advertisement and signature. No display type or illustrations permitted. Remittances must accompany orders. Minimum charge, ten words.

CATTLE

HEREFORDS FOR SALE, BRED OR OPEN heifers and cows. Bulls—calves to breeding age. Sired mostly by Romulus 38, a Beau Mystic sire. Bred females in service to Model Boy by Rocky Boy. Lester Schroeder, Albert, Kan.

FOR SALE, PURE BRED BABY GUERNSEY bull calves, also two yearlings. We buy and sell Guernseys. The Guernsey Dairy, Salina, Kan.

POLLED SHORTHORN BULLS, FIFTY TO one hundred dollars; of Scotch breeding with some females. C. M. Howard & Sons, Hammond, Kan.

HOLSTEINS FOR SALE, CHOICE BULLS 10 to 15 mo. old. Well bred, well marked. Reasonable prices. Daniel Clinkenbeard, Wetmore, Kan.

FOR SALE—RED POLLS, CHOICE YOUNG bulls and heifers. Write for prices and descriptions. Chas. Morrison & Son, Phillipsburg, Kan.

FOR SALE—JERSEY BULLS, CALVES and yearlings. Hood Farm breeding. Terms on calves. Percy E. Lill, Mt. Hope, Kan.

FOR SALE—TWO 11 MONTHS OLD Scotch topped bulls. Prices right. Accredited herd. Harry Leclerc, Burrton, Kan.

FOR SALE: REGISTERED RED POLLED bulls. M. E. Helz, Lucerne, Kan.

CATTLE

FOR THE VERY BEST HOLSTEIN OR GUERNSEY calves, 7 to 9 weeks old, write Spreading Oak Farm, Whitewater, Wis.

HORSES AND JACKS

MAMMOTH JACKS, PERCHERON STALLIONS and mares for sale at low prices. Al E. Smith, Lawrence, Kan.

JACKS OF THE RIGHT KIND PRICED TO sell. Hineman's Jack Farm, Dighton, Kan.

HOGS

FOR SALE: DUROCS, BRED GILTS AND fall pigs sired by high class boars. Gilts bred to Radio Giant. Registered. Double immune. Priced right. Homer Drake, Sterling, Kan.

FOURTEEN HEAD REG. PERCHERON Stallions, Mares, Colts. Priced \$2,400. Closing out, must sell. C. E. Whittlesey, Mound Valley, Labette Co., Kansas.

FOR SALE SPOTTED POLAND SOWS, \$27.50. Weanlings, \$6.50. Trios, \$15. One extra yearling boar, \$25. T. L. Curtis, Dunlap, Kan.

CHESTER WHITE WEANLINGS, \$10. BY grand champion boar. J. H. Hoover, Rosel, Kan.

DUROC FALL BOARS BY STILTS. H. B. Marr, Ft. Scott, Kan.

Pollard's Spotted Poland China Sale

Big Type Spotted Poland at Auction Carbondale, Kansas, Friday, May 16,

12 Fall Boars, 15 Fall Gilts, 5 Bred Gilts. These pigs are sired by O'Ben's Leopard, by Leopard King. Dams are granddaughters of Designer and The Pickett. Bred gilts sired by Buster Carmine. M. C. POLLARD, CARBONDALE, KAN.

CHESTER WHITE HOGS

LARGE, PUREBRED CHESTER WHITE BOAR

13 months, 275 lbs., \$27.00. Also gilt will farrow about May 18, \$27.00, 275 lbs. Choice \$27.00. Immuned. Crates free. Shipped on approval. Choice spring boar and sow pigs weaning time, \$8.00. ED VISSER, RILEY, KAN.

Wiemers' Chester Whites

Immuned, growthy fall boars, \$22.50 and up. First choice spring boar pigs weaning time \$12.50 and up. State fair winning blood lines. Free circular. We ship C. O. D. on approval. Henry Wiemers, Diller, (Jefferson Co.) Neb.

O. I. C. PIGS

Large smooth kind. Harry Haynes, Grantville, Kan.

DUROC JERSEY HOGS

1000 Durocs For Sale

Duroc fall boars, bred sows and gilts and weanling pigs. Our herd boars all State Fair prize winners. F. C. CROCKER, Box M, FILLEY, NEBR.

September Boars

By Cherry Pathfinder, by Pathfinder Paramount. Dams granddaughters of Orion Cherry King and Calculator. Farm 8 miles north and 2 east of Concordia. SHERWOOD BROS., CONCORDIA, KAN.

Central Kansas Durocs

Fall gilts and boars all sold. Four July gilts bred for June farrow to son of Great Orion Sensation. Priced reasonable. J. C. LONG & SONS, Ellsworth, Kan.

REAL BOARS CHEAP

By Waltemeyer's Giant 429003. The kind that makes the farmer a breeder the most money. Immuned. Registered. Shipped on approval. W. R. Huston, Americus, Kan.

DUROC MALES

by four Sensation bred sires, \$20 to \$25. Good bone, length and quality. Have sold in 67 Kansas counties. Spring pigs. Write J. E. Weller, Holton, Kansas

VALLEY SPRINGS DUROCS

Boars, all ages; sows bred for spring farrow; any bloodlines wanted. Immuned, registered, guaranteed breeders. Year's time to pay. E. J. Bliss, Bloomington, Kan.

HOMER DRAKE'S DUROCS

Bred gilts and fall pigs sired by high class boars. Gilts bred to Radio Giant. Registered. Double immune. Priced right. Homer Drake, Sterling, Kan.

RED POLLED CATTLE

RED POLLS. Choice young bulls and heifers. Write for prices and descriptions. Chas. Morrison & Son, Phillipsburg, Kan.

Experiments show that a third of the fertilizing value of manure is lost when exposed in flat piles in an open yard from January to April at the Ohio Experiment Station last year. The loss in nitrogen was 35.6 per cent; phosphorus 22.5 per cent; and potash, 51 per cent.

Kansas not only produces more wheat than any other state in the Union but it is the greatest producer of hard winter wheat of any political unit in the world.

AYRESHIRE CATTLE

What Does Your Herd Pay For Its Feed?

Ayrshires are economical producers. They have proved their worth on Kansas farms. Let us tell you how one farmer received \$3.57 for each \$1.00 worth of feed his Red and Whites consumed last year. You can increase your profits with Ayrshires.

Ayrshire Breeders' Association
12 Center Street,
Brandon, Vermont

BULL CALVES

1 to 6 months old, \$50; mostly from dams with good official records. Females, 1 or a carload at moderate prices.

DAVID G. PAGE,
Fairfield Farm Topeka, Kansas

HOLSTEIN CATTLE

CHOICE HOLSTEIN BULLS

Large, smooth, nicely marked. King Segis Pontiac breeding. Also junior herd bull.

J. A. REED & SONS, LYONS, KAN.

Bulls by King Frontier Pontiac All Sold

Now offering a 10 months grandson from a 27-lb. daughter of King Segis Pontiac.

O. E. RIFEL & SON, STOCKTON, KAN.

TWO REG. HOLSTEIN BULL CALVES

Ready for service. Well marked, from high producing cows, \$75 each. 1 month old bull calf, \$35. All sired by U. S. Korndyke Johanna Segis, whose dam gave 2396 lbs. of milk in 30 days testing 5.55%.

Dan Clinkenbeard, Wetmore, Kan.

ENTIRE HERD OF HOLSTEINS

Including 17 cows and heifers, ranging from 1 year to maturity, five of them high grade, balance registered. Reason for selling, poor health.

W. K. Pruter, Natoma, Kan.

BEFORE ORDERING HOLSTEIN OR GUERNSEY CALVES anywhere, write Edgewood Farms, Whitewater, Wisconsin.

GUERNSEY CATTLE

Reg. Guernsey Bulls

Calves to 10 months of age. A. R. breeding and choice blood lines. Accredited herd.

Springdale Guernsey Farm, Ottawa, Ks., R. 9

POLLED SHORTHORNS

SHORTHORNS

(POLLED)

Polled Bulls of choice Shorthorn breeding, \$75 to \$150. Dehorn with a hornless Shorthorn bull. One of the largest herds. Write us or phone at our expense.

J. C. BANBURY & SONS, PRATT, KAN.

4 Polled Shorthorn Bulls

For sale. One is a white, year old, and of choice breeding. Prices \$75 to \$125.

A. I. MEIER, ABILENE, KAN.

MILKING SHORTHORNS

Milking Shorthorn Records

All cows officially tested. For sale: Bulls of world's record breeding. Write for free illustrated booklet.

THE BONVUE FARMS CO., DENVER, COLO.
Stock Yards

SHORTHORN CATTLE

Scotch and Scotch Tops

10 last spring bulls, mostly nice roans. 15 heifers, same age, reds and roans.

C. W. TAYLOR, ABILENE, KANSAS

HEREFORD CATTLE

BRED OR OPEN HEIFERS AND COWS
Bulls—calves to breeding age. Sired mostly by Romulus 28, a Beau Mystic sire. Bred females in service to Model Boy by Rocky Boy. Lester Schroeder, Albert, Ks.

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

BOYD NEWCOM, Auctioneer
219 Beacon Bldg., Wichita, Kan.

Jas. T. McCulloch
Livestock Auctioneer
Clay Center, Kansas

HORSES AND JACKS

Reg. Percheron Mares

For sale—A wonderful 6 and 8-year-old matched team of dapple grey Reg. Percheron mares with filly foals by their sides, sired by my grand champion horse, Kapitaine. Also a few young stallions.

ROY E. DURR, OSAWATOMIE, KANSAS

REGISTERED PERCHERON STALLIONS

Our own breeding. Good colors. Good individuals. None better bred. Some broke to work. Sound. Priced to sell. Guaranteed. Need room for younger ones. A good stallion makes most money for capital invested.

A. H. TAYLOR & SON, Route 4, SEDGWICK, KS.

JACKS OF THE RIGHT KIND

and breeding. Priced to sell.
Hineman's Jack Farm, Dighton, Kansas.

LIVESTOCK NEWS

By J. W. Johnson
Capper Farm Press



Wm. Meyer of Farlington, Kan., owner of one of the good herds of Spotted Polands in Kansas, has announced a sale of Spotted Polands to be held May 14.

The annual sale of the Northwest Kansas Shorthorn Breeders' Association was held at Concordia, Kan., April 29. Fifty head of Shorthorns were sold. The top price paid for bulls was \$155. The top price for heifers was \$190. The 50 head sold averaged \$80. The sale was under the management of E. A. Cory.

J. H. Hoover, Rozel, Kan., owns one of the good Shorthorn herds in Kansas. His herd is made up of representatives of the popular families of the breed and is under federal and state supervision. Mr. Hoover has announced a sale of Shorthorns to be held May 15.

NEWS OF OTHER STATES

By Capper Farm Press Fieldmen

Reports from Bonnyglen Milking Shorthorn Farm, located at Fairbury, Neb., are very encouraging. The demand for bulls sired by Pine Valley Viscount has far exceeded the supply. This bull is going to weigh 2,500 pounds when fully matured. James Cox now has direct charge of the herd and says he expects great things from some of the heifers soon to freshen.

Miller Bros. 101 Ranch sale of Holstein cattle at Marland, Okla., April 24, was not up to the usual 101 Ranch standard. It was an offering that should have interested both dairymen and breeders, but held in an unusually busy time, and perhaps at the wrong season, buyers were not present to absorb the entire offering. Miller Bros., however, tried out the crowd, and after those present had been supplied, the auction closed with perhaps only a third of the listed cattle sold. Prices ranged from \$70 to \$130 for grades, and \$100 to \$390 for registered Holsteins.

A few years ago Paul F. Moseley, a young farmer of Wymore, Neb., became interested in Shorthorn cattle and his eagerness to lay the foundation for one of the best herds took him to the best breeders of several states, among them Missouri, where he purchased a son of Advance Marshall, one of the three first sons of the great Winsdor Belle 19th. Other purchases were made from the best herds in other states and a very pleasing progress was being made in the way of building up the kind of herd that would satisfy the ambition of a man like Mr. Moseley. But as so often happens, something occurs to change all of his plans. Last winter Mrs. Moseley died and this splendid herd is to be dispersed on May 27.

Lookabaugh's Shorthorn Sale

In the H. C. Lookabaugh Shorthorn sale, Watonga, Okla., April 17, 41 cattle were sold for an average of \$241. Included were 26 of his 1923 calf crop. The 16 bulls averaged \$259. The top of the sale was the show bull Maxhall Sultan, sold to Clint Strong, Clinton, Okla., for \$600. J. A. Forsythe, Pleasant Hill, Mo., paid the top price on females, \$380 for Rosemary 4th by Roan Lord. J. A. Collier, Fletcher, bought Maxhall Perfection at \$425. A. E. Stephenson & Son, Enid, Okla., bought Maxhall Acres at \$400, and Andrew Trumly, Kaw City, Okla., bought Maxhall Duthie, at \$430, all excellent sons of Roan Lord. Among the other buyers were Joe McDonald, Grangerville, Idaho; H. L. Burgess, Chelsea, Okla.; J. H. Pratt, Excelsior Springs, Mo.; Willie Sandquist, Tilden, Neb.; Joe Grimes, Kingfisher, Okla.; E. E. Graves, Ryan, Okla.; J. M. Britton, Kingfisher, Okla.; Fred Ball, El Reno, Okla.; Zahn & Son, Fargo, Okla.; J. A. Logan, Arnett, Okla.; O. E. R. Shultz, Ellsworth, Kan.; M. C. Garber, Enid, Okla.; F. Martin, Sayre, Okla.; Ed Wheelock, Watonga, Okla., and Henry Sternberger, Hardtner, Kan.

Public Sales of Livestock

Shorthorn Cattle
May 15—J. H. Hoover, Rozel, Kan.
May 27—Paul F. Moseley, Wymore, Neb.
June 12—Ed Stegeland, Straight Creek, Kan.
Polled Shorthorn Cattle
June 12—Ed Stegeland, Straight Creek, Kan.
Jersey Cattle
May 13—J. H. Lomax, Leona, Kan. B. C. Settles, Sale Manager.
May 20—E. T. Meredith, Des Moines, Iowa.
June 10—R. W. Barr, Independence, Mo.

SPECIAL RATES

For purebred livestock display advertising 40 cents per agate line for each insertion. Minimum number of lines accepted, five.

FIELDMEN

KANSAS—J. W. Johnson, Capper Farm Press, Topeka, Kan.
NEBRASKA—Jesse R. Johnson, 227 S. 13th St., Lincoln, Neb.
OKLAHOMA—A. B. Hunter, 631 Continental Building, Oklahoma City, Okla.
MISSOURI—O. Wayne Devine, 1407 Waidheim Bldg., Kansas City, Mo. Advertising copy may be changed as often as desired.

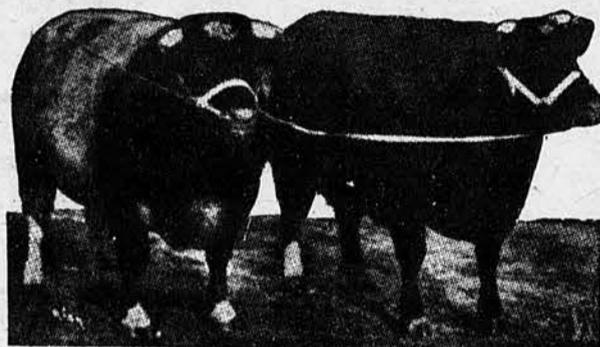
All changes of copy must be ordered and new copy furnished by advertiser and sent either to Fieldman or direct to Livestock Department.

W. J. CODY, Manager,
Livestock Dept., Capper Farm Press,
Topeka, Kansas.

Shorthorn Cattle Dispersion Sale

At Farm Near

Wymore, Nebr., Tuesday, May 27



40 LOTS consisting of 5 bulls including the herd bull MARSHALL'S EMBLEM, a great son of the noted Advance Marshall and out of the great cow Winsdor Belle 19th. 18 Foundation cows, 10 of them with calves at foot and the rest close to calving to the service of MARSHALL'S EMBLEM. 8 choice heifers all by or bred to the herd bull. Most of them sell open.

These cattle were bought from many of the best herds and there are many real attractions among them prospective herd bulls selling with dams. They include Augustas, Claras, Rosemarys, Mayflowers, Marr Emmas and other good families. The catalog gives all necessary information. Herd Federal accredited. Write early for catalog and mention this paper.

Paul F. Moseley, Wymore, (Gage Co.), Neb.

Aucts.: Col. A. W. Thompson, Col. F. E. Kinney, Col. W. W. Foreman.
Jesse R. Johnson will represent this paper.

J. H. Hoover Shorthorn Sale

At the Pawnee Valley Stock Farm 3 1/2 miles north and east of

Rozel, Kan., Thursday, May 15, 1924

An offering of 30 head registered Shorthorns of the best beef and milk type, 25 females, cows, open and bred heifers. Several cows with calves by side. 5 bulls real herd headers. Red, white and roan—old enough for service. Breeding are of the best families such as the Lavenders, Glosters, Duchess of Glosters, Cumberlandds, Villager Diamonds, Orange Blossoms etc. The herd is under Federal and State Supervision.

J. H. Hoover, Rozel, Kansas

Auctioneer, Boyd Newcom.

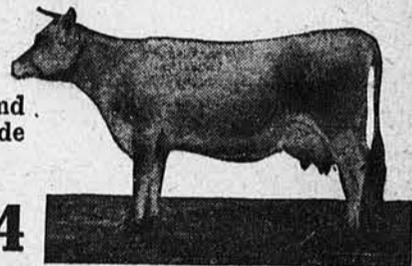
JERSEY CATTLE

JERSEY CATTLE

Jersey Cattle Sale

50—HEAD—50

richly bred registered cows and heifers and a few high grade heavy producers at auction



June 10, 1924

Offering includes daughters of the Silver Medal Bull, Oxford Daisys Flying Fox 83284 and Forfarshires Love 124334, sire of Silver and Gold Medal daughters. Send for catalog.

CEDARCREST FARM

Lexington Road, Robt. W. Barr, Owner, Independence, Mo.
O. Wayne Devine, Fieldman.

POLAND CHINA HOGS

Deming Ranch Polands

We have some outstanding Sept. male pigs. Good, reliable Polands of all classes. Priced worth the money.
Deming Ranch, Oswego, Kan. H. O. Sheldon, Mgr.

MONAGHAN & SCOTT'S REVELATOR

Grand champion and sire of champions; by Liberator, dam Lady Revelation. Bred sows, gilts, boars, fall pigs by or bred to Revelator.
Monaghan & Scott, Pratt, Kan.

POLANDS, either sex, by Designer and Cicotte, Jr. Few Designer and Cicotte Jr. gilts bred to Liberator-Revelator. The Outpost and Checkers-Heritage, at farmer prices. J. R. Houston, Gen. Mgr.,

SPOTTED POLAND CHINA HOGS

SPOTTED POLAND CHINA BOARS

Fall boars. Best blood. Immuned and registered. Priced right.
WILKINS & ANDERSON, CHAPMAN, KAN.

SPOTTED POLAND HOG SALE

May 14, 1924. 10 good serviceable boars, 15 bred sows and gilts. Spotted Ranger, Revelation and other noted breeding. Send mail bids to E. E. Hall, Auctioneer, Care of Wm. Meyer, Farlington, Kan.

BIG BRED SOWS, \$27.50. Weanlings, \$6.50. Trios, \$15. One extra yearling boar, \$25.
T. L. Curtis, Dunlap, Kan.



Whose Advice Are You Going to Take?

Choosing a motor oil is a matter of following advice. Unless you are technically trained and have complete laboratory facilities, you cannot safely choose for yourself, because lubrication is as technical as is medicine or law.

You cannot see the quality in oil. Only the petroleum chemist can say which oil is right. There is one right oil for your tractor. How are you going to know? By following the advice of the Standard Oil Company (Indiana) highly trained experts. Thousands of tractor owners in the Middle West have done this and are using

Tractor Chart of Recommendations

TRACTION	Motor Oil	Trade Name	Motor Oil
Adaptable	H.	Monarch	H.
Allis-Chalmers, 6-12	H.	Nilson	S. H.
Allis-Chalmers, Other Models	S. H.	Oil-Gas	E. H.
All Work	S. H.	Peoria	E. H.
Andrews-Kincade	S. H.	Pioneer	E. H.
Appleton	S. H.	Reed	S. H.
Aultman-Taylor, 15-30	S. H.	Rix	S. H.
Aultman-Taylor, Other Models	S. H.	Rumley, Oil Pull, 12-20, 16-30 and 20-40	E. H.
Automotive	H.	Rumley, Other Models	E. H.
Avery, C. & Road Racer	S. H.	Russell	S. H.
Avery, Track Runner	S. H.	Samson	S. H.
Avery, Other Models	E. H.	Shawnee	H.
Bates Steel Mule, Midwest Motor	S. H.	Square Turn	E. H.
Bates, Other Models	H.	Stinson	S. H.
Bear	S. H.	Titan	S. H.
Best Tractor	E. H.	Topp-Stewart	S. H.
Big Farmer	E. H.	Toro	H.
Case, 16-18, 12-20 and 16-27	H.	Townsend	E. H.
Case, 22-40	S. H.	Traylor	H.
Case, Other Models	E. H.	Trundlar	S. H.
Cletrac, F.	H.	Twin City, 12-30 and 20-35	S. H.
Cletrac, W.	S. H.	Twin City, Other Models	E. H.
Coleman	E. H.	Uncle Sam	S. H.
Dart	S. H.	Wallis	S. H.
Eagle	S. H.	Waterloo Boy	S. H.
E-B	S. H.	Wetmore	S. H.
Ellwood	H.	Wisconsin	S. H.
Farm Horse	E. H.		
Fitch	E. H.	CULTIVATORS	
Flour City, Junior and 20-35	S. H.	Acme	H.
Flour City, Other Models	E. H.	Aro	H.
Fordson	S. H.	Avery	H.
Fox	E. H.	Bailor	H.
Frick	S. H.	Beaman	H.
Gray	S. H.	Bolens	H.
Hart-Par	E. H.	Boring	H.
Heider	S. H.	Centaur	H.
Holt, 2-Ton	H.	Do-It-All	S. H.
Holt, Other Models	E. H.	International	H.
Huber	S. H.	Kincade	H.
Indiana	H.	Merry Garden	M.
International	H.	Motor Maultivator	S. H.
J. T.	E. H.	New Britain	H.
Klumb	E. H.	Red E.	H.
La Crosse	E. H.	Spry Wheel	E. H.
Lauson	S. H.	Utilator	H.
Leader	S. H.		
Leonard	S. H.		
Liberty	E. H.		
Lincoln	S. H.		
Little Giant	S. H.		
McCormick-Deering	H.		
Minneapolis, 12-25 and 17-30	S. H.		
Minneapolis, Other Models	E. H.		
Mogul	S. H.		
Moline	S. H.		

KEY

- L.—Polarine Light
- M.—Polarine Medium
- H.—Polarine Heavy
- S.H.—Polarine Special Heavy
- E.H.—Polarine Extra Heavy

N. B.—For recommendations of grades of Polarine to use in automobiles and trucks consult chart at any Standard Oil Company (Indiana) station.

Polarine

THE PERFECT MOTOR OIL

Made in Five Grades

They are convinced that the Standard Oil Company (Indiana) knows how to make good motor oil and experience has proved that their confidence is well-grounded.

Buying lubrication from the Standard Oil Company (Indiana) is like buying expert legal talent or medical advice. You are buying the best scientific knowledge of its kind.

Even refiners use Polarine—one of them writes he finds it cheapest and best. He says, "and I formerly refined petroleum for seven years; I know good gasoline and good oil."

Polarine will keep your tractor in first-class condition—give longer life to your motor—more power from your fuel—reduce carbon deposit and repair bills.

Polarine retains its body under varying working conditions and distributes freely to all moving parts.

Follow the chart at the left. It is scientific. It assures you the right oil for maximum efficiency from your particular tractor or truck.



Standard Oil Company

910 S. Michigan Ave. (Indiana) Chicago, Ill.