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# KANSAS FARMER.

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The live-stock exposition at the State Fair grounds is proving a bigger event than the management anticipated. All who filed their entries at the time requested found accommodations in waiting on their arrival with their stock. The were not so fortu nate, but had to put up with some in-conveniences during the saw and hammer racket attendant upon building quarters for them. When the live-stock people undertake to have an exposition they have it and have it in earnest.

# COUNTING THE CROPS.

Estimates of the crops of 1902 can as yet be only approximations based largely on prospects not yet realized. Nevertheless, interest in the subject is great that writers are already compiling figures based on statements of so-called authorities. W. R. Draper indulges in a more or less important survey of the field in an article in the Review of Reviews for September. He concludes that the season has been an unusually bounteous one and that the gain to farmers will exceed that of any previous year. The crops have been fairly good all over the country, and there are no large areas that will feel the pinch of want.

The Kansas City Journal comments

upon and quotes Mr. Draper's paper as follows:

Early in the season the outlook for both wheat and cotton was far from both wheat and cotton was far from good. From many parts of the wheat belt there came reports of drouth and hot winds, and in the South it was feared that much of the cotton had been destroyed by dry weather and shredding. But at the beginning of August the cotton fields began to improve and it is estimated that the crop prove, and it is estimated that the crop will not fall far short. As for wheat, it turns out a yield only 50,000,000 bushels short of the phenomenal crop of 1901. In the Northwest particularly wheat came out fine, and the same is said of oats, flax, and barley.

Corn is now practically made all over the corn region, and it will exceed the crop of 1901 by 1,000,000,000 bushels, being estimated at 2,589,000,000 bush-els. Commenting on corn and other crops, Mr. Draper says:

"The yield of wheat is 700,500,000 bushels; oats, 860,000,000 bushels; barley, 120,850,000 bushels; rye, 30,350,000 bushels. This, counting the corn, shows a grand total of 4,351,851,000 bushels of cereals produced on 841,000,000 acres of land, to say nothing of the land used for other crops and for pas-ture. Prices obtained by the farmers differ every year. Last year, for instance, there was a shortage in corn, and it sold for 60 cents a bushel on the farm. The history of corn has been that during such plentiful seasons as the present one the average price is 30 cents a bushel. At that rate the 1902 corn will bring to the farmers \$776, 985,300. All things considered, wheat will bring 60 cents to the farmer during 1902, and at this figure the crop will net \$580,100,000. Oats, if sold at the present market price, will bring \$350,000,000; barley, \$52,700,000; rye, \$15,909,000; or a total of \$1,776,244,000 for cereals alone. The cotton crop is worth this year about \$500,000,000, while the hay, including alfalfa, is worth the same amount to the farmers. Potatoes will sell for \$100,000,000, while the buckwheat crop is valued at \$8,000,000. There have been other years when cereals sold for more; last year the corn crop, though one-half as large as in 1902, sold for \$921,000,000. But the farmers did not hold much of it when the price came to 65 cents, so they were not benefited."

Pursuing his analysis, Mr. Draper figures that the products of the farms of the United States in 1902 were worth \$5,250,000,000. "This," he says, "was far in excess of the total income of the "was farmers at any other time in their his-The products of the farms for tory. 1899 sold for \$4,739,000,000. The cereals, save corn, are about equal to the crop of 1899. This year 500,000,000 bushels more corn and several hundred thousand head of steers in excess of three years ago were placed on the market. And one should also remember that the number of farms is continuously increasing at a rate of from fifteen to forty thousand annually."

The corn crop of the world for 1900 was 2,882,000,000 bushels, the corn crop of the United States in 1901 was j.522,000,000 bushels, while the corn crop of the United States in 1902 is only a little less than the world's crop of 1900. The average yield per acre in 1901, as given by the Washington authorities was sixteen bushels, the average for this year is fixed at thirty bushels.

The average yield of wheat in the United States is about fifteen bushels per acre. The greatest average ever

known in any State was in Washington in 1901, when the yield went twenty-nine bushels to the acre. Last year 350,000,000 bushels of wheat were exported, or nearly 200,000,000 above the yearly average. The crop of 1901 was sold for \$467,000,000, as against an estimate of \$580,000,000 for the crop of

"There are in the United States," says Mr. Draper, "10,438,922 persons engaged in agricultural pursuits, while other industries engage 18,840,000 persons. One-third of the entire area of this country is devoted to tilling the soil. There are to-day 5,739,657 farms in this country, and the value of farm property, including live stock and implements, is \$20,514,001,838. The total acreage used for farming purposes is 841,000,000 acres—an area that would contain England, Scotland, Ireland, Wales, France, Spain, Germany, Austria, Japan, and the Transvaal, leaving sufficient room for several small countries to go in around the edges. None of these countries, or all of them combined, would make a respectable showing with our agricultural products. The value of our farm exports in 1901 was \$951,628,000."

Mr. Draper notes that which is generally known in saying that our farm exports are increasing every year. He notes also that the foreign demand for them is increasing at a greater rate than we have ability to supply, and scouts the idea that the agricultural resources of the United States can be overdeveloped.

The census bulletins give some interesting information with respect to farm labor. Of the 5,321,087 daily wage-earners in the country when the census of 1900 was taken, 1,522,100 were regularly employed on the farms, these being exclusive of farmers who operated the farms, and of the 100,000 or more who are given transient employment in the harvest season. The scale of wages for farm labor ran from 80 cents to \$1.25 a day, or from \$20 to \$25 per month and board. The average expense for each farm, so far as labor is concerned, was \$64 in 1899, while the average value of the products per acre was \$4.47. White farmers paid more for their help, on an average for each farm, and approximately each white farmer paid \$71 for his hired help throughout the year. The census bulletin gives the cost per farm for hired tin gives the cost per farm for hired help as follows: Wheat and grain farms, \$76 per farm; cotton, \$25; to-bacco, \$51; nurseries, \$1,136; vegetables, \$106; dairy, \$105.

# IMPORTANT STEP AT THE IOWA AGRICULTURAL COL-LEGE.

The Iowa Agricultural College has created a department of "agronomy" and has secured the services of Prof. G. Holden for this department. Agronomy is a comparatively new word and means the theory and practice of corn production. To be a successful agronomist one must have a thorough knowledge of the soil, the deportment of moisture in soils, the effects of the physical condition of soils, chemistry of soils and its products, bacteriology, botany, entomology, and all other branches of knowledge that can help the farmer. He must be familiar with all the practical operations of crop production and must be able to recognize the value of results and to appreciate especially their economic importance.

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the services of Professor Holden as fol-

"The recognition of a department of agronomy in the Iowa institution means the placing of the work on a broader and better foundation than heretofore, and the choice of Professor Holden as chief head of this great division is a most favorable omen for future progress.

"Although a young man having been born in the State of Minnesota in 1865, there are few men in the great Central West who have had as broad and practical as well as scientific experience in agricultural matters as Professor Holden. Indeed judging by what he has accomplished in the States of Michigan and Illinois, we believe that he stands in a class by himself. He spent his early life on the farm and by his efforts before entering the Michigan Agricultural College and after gradu-ation from that institution won for himself an enviable reputation as a successful operator of farm affairs. Although chosen a member of the faculty of the Michigan Agricultural College after his graduation he preferred farm life, to which he returned and there remained until chosen by Professor Dav-enport to accept the chair of agronomy in the Illinois Agricultural College. His work there in building up the agricul-tural side of that institution is too well known to require repetition. Suffice it to say that it is generally conceded that the magnificent \$200,000 agricultural building that has recently been erected there stands as a monument to Professor Holden's effort in behalf of Illipois agriculture. During the four years spent in that institution, from 1896 to 1900, he organized the Corn-Growers' Association, Sugar Beet-Growers' Association, assisted in establishing the The Iowa Homestead comments on the founding of this department and congratulates the State upon securing Corn-Breeders' Association, organized

the first corn-judging school ever held in this country, originated the Illinois Club, the object of which is to disseminate agricultural intelligence among young men, assisted materially in building up the Farmers' Institute of the State, and indeed took a prominent part in all matters that in any way con-tributed to the advancement of agriculture. In the spring of 1900 he was employed by the Pekin Sugar Beet Company, at a large salary, to superintend their field work, and there remained until a few months ago when he was chosen superintendent of the Funk Brothers' immense corn-breeding establishment. Much against the wishes of his present employers, and at a great financial loss to himself, he now lays aside what is undoubtedly one of the best positions that has ever been filled by a college man in this country to engage in the building up of Iowa's agri-The State of Iowa, therefore, has reason to congratulate herself on obtaining the services of such a man. His intimate knowledge of soils and farm crops of all kinds, combined with good judgment and a store of energy that few possess, leads us to believe that every dollar entrusted by the State to Professor Tolden, whether to be devoted to the teaching of agriculture or the work of the experiment station, will return to the State many hundredfold in the not far distant future."

It is greatly to be hoped that the

It is greatly to be hoped that the Kansas State Agricultural College may be able to secure such a man to fill the vacancy caused by Professor Cottrell's resignation, and having secured him may have the wisdom to sustain him in his work.

# KANSAS FARMER'S NEW WALL ATLAS.

The Kansas Farmer has arranged with the leading publisher of maps and atlases to prepare especially for us a new Wall Atlas, showing colored reference maps of Kanasas, Oklahoma, Indian Territory, the United States, and the World with the 1900 census.

The size of our new Wall Atlas is 22 by 28 inches. The outside map shows the flags of the United States as well as the flags of all the nations. In addition thereto is given a list of tables, an exhibit of the products and their values of the United States and the World. One of the maps shows all States, Territories and possessions of the greater United States and facts as to their capitals and the first settlements and in relation to their general government, areas, population, and legislature.

The atlas also gives the growth of our country, showing the population of all towns by States, of 3,000 and over for the census years of 1880, 1890, and 1900

This grand new census edition atlas also shows for every country on earth, the government, chief executive, area in square miles, population, capital and its population. This excellent educational work should be in every home. It sells for one dollar.

Every one of our old subscribers who will send us two new subscribers at 50 cents each for the remainder of the year, will receive a copy of this splendid new Wall 'Atlas postage prenaid

A fine illustration of what irrigation does for apple trees is shown in the orchard of Mr. H. E. Goodell near Tecumseh, Shawnee County. Most of the trees are 5-year-old Ben Davis. They are large enough for 8-year-olds, and the bark is as perfect as if made to order. Mr. Goodell is anxious to have a big crop of fruit take the place of so much growth next season. To bring this about he drilled sorghum between the rows early in the summer. This is making immense quantities of feed and, r on account of the sorghum or from some other cause the trees have produced fruit spurs abundantly. The crop of apples now on the trees is no inconsiderable one, but the promise for next season is great.

# THE FINE STOCK SHOW.

The Shorthorn exhibitors are: T. K. Tomson & Sons, Dover, 8 head; H. W. Mc-Afee, Topeka, 8 head; Ed. Green, Morrison, Col., 16 head.

The Red Poll cattle exhibitors are: J. H. Crowder & Son, Bethany, Ill., 14 head; Wilkie Blair, Girard, 11 head.

The Galloway exhibitors are: Geo. M. Kellam, Richland, 3 head; I. B. & A. M. Thompson, Nashua, Mo., 14 head.

The only exhibit of Herefords on the

The only exhibit of Herefords on the grounds is that of J. A. Larsen, Everest, and entries made by Steele Bros., Belvoir. Exhibits expected from the Minnesota State Fair had not arrived at this writing.

The Poland-China exhibitors are: John D. Marshall, Walton, 14 head; McFadden fore learning so fast, the Bros., West Liberty, Iowa, 16 head; H. W.

Cheney, Topeka, 6 head; V. B. Howey, Topeka, 10 head; Wilkie Blair, Girard, 2 head. The Duroc-Jersey exhibitors are: Gilbert Van Patten, Sutton, Neb., 13 head; McFarland Bros., Beaman, Mo., 20 head; Harry Sneed, Smithton, Mo., 6 head; Geo. Briggs & Son, Clay Center, Neb., 17 head; Peter Blocher, Richland, 17 head; H. Hague & Son, Walton, 20 head.

Hague & Son, Walton, 20 head. The Chester White exhibitors are: Hardin Bros., Lima, Ohio, 14 head; Blodgett Bros., Beatrice, Neb., 25 head.

The Berkshire exhibitors are: J. H. Blodgett, Beatrice, Neb., 19 head; Manwaring Bros., Lawrence,

The Percheron exhibitors are: Mc-Laughlin Bros., Kansas City, Mo., and Columbus, Ohio, 12 head; J. W. & J. C. Robison, Towanda, 4 head; R. E. Cowdrey, Topeka, 1 head.

Snyder Bros., Winfield, exhibit 11 head of Percherons and English Shires.

There is only one exhibit of Clydesdales, made by H. W. McAfee, Topeka, 9 head.

The Standard-bred horse exhibitors are: M. A. Low, Topeka, 10 head; R. E. Cowdrey, Topeka, 1 head; J. W. Creech, Herington, 5 head; W. A. McCarter, Topeka, 1 head; Oscar Robinson, Meriden, 3 head; C. P. Leslie, Topeka, 2 head.

The exhibitors of Roadsters in harness are: Geo. Pritchard, Topeka; C. H. Samson, Topeka; M. A. Low, Topeka.

# Miscellany.

Education for This Age.

EDITOR KANSAS FARMER:—We, the people of Kansas, see with interest and concern the fight between the "old style" college education and the "new style" practical education, in special lines, at the State Agricultural College.

The word "educate" has lost much of its wide range in recent years. It has a narrower meaning. It does not now imply the acquisition of all knowledge whether useful or not, or the learning of all the arts and sciences. Life is too short for that, and the human mind is too weak for that. The best education now consists in being well informed on all subjects, and in knowing all that is known in one's special line of life.

Not long ago, a couple of hundred of venrs or so, a person of good abilities might have learned all that was known by anybody, and might possibly have excelled in any line of effort. No one can do so now. One can only, now, select from the vast mass of facts such as have a bearing upon his special line, and utilize those. This is practical education.

A skilled artisan, a mechanic, does not necessarily have all the old and all of the new tools. He may have few, yet have all that are necessary for his work, and may be as successful as one who has all of them.

There are old persons who can remember when it was thought necessary to study the "dead" languages for several years, and to spend years in studying what could be useful to a very few.

Our grandparents taught their children so, our parents taught us so. It is hard to realize that they were wrong.

Now, it begins to be clearly seen that a young man should choose his special line and should learn everything which touches his chosen work. He should choose his work, and educate himself thoroughly in his work. He can not possibly learn all; he should learn what

It is said that the English university at Oxford has changed its teaching little in 200 years. That is perhaps not strange, but in progressive Kansas we should know better than to cram useless knowledge. We should rather try to keep up with progress, and should try to add to the progress of new ideas instead of carrying old things for all

The State of Kansas owes all of its children a simple, general education.

It should give also special education.

It should give also special education in agricultural lines, at the Agricultural College, because the prosperity of the State comes mainly from agriculture.

State comes mainly from agriculture.

Much of the so-called higher education consists in learning or in trying to learn what is useless rubbish to the

greater majority of Kansas people. In this twentieth century our plans of educating agriculturists require the elimination of useless knowledge; leave the classic languages to those who use them; leave the higher mathematics to those who need them; select only the things which are likely to help and to better the agricultural worker. Such selection is not a matter of choice only. It is anecessity. "In future," said an eminent scientist, "education will be a matter of infinite labor," and that is true, for although "we were never before learning so fast, there never before was so much to learn."

In our judgment, the young man is well equipped for his life who has wisely chosen his special line, and who is well educated in his chosen line of work.

No one should call agriculture a narrow line of educational work. It comprises a multitude of lines of work. It has an army of students, who, as yet, "seeing, know not what they see." It is the basis of all the arts and of all the sciences. The prosperity of the world depends upon its progress. Those who aid its development benefit the community, the State, the country, the world.

What can be done by the State to improve the agriculturists who are to improve the agriculture which will propper the State?

prosper the State?

It is this: Select from the vast mass of scientific facts which now accumulate as never before, the practical facts which touch the lines of agricultural Teach these new and old scientific facts to 1,000 or 2,000 agricultural students, at the State Agricultural College. Improve the agriculturists by practical education. Let the Agricultural College teach agriculture as law schools teach law, as medical colleges teach medicine and surgery, as business colleges teach bookkeeping. There are colleges enough where drowsy students recite to sleepy professors the old-fashioned themes got up by men long dead, often wrong. Even the twentieth century will not get them out of the ancient rut. The religious teaching of this century is to make men better neighbors, better citizens. The educational teaching of this century is to make men more successful in their chosen line, to show how to accomplish more at less cost, and how to get bet-ter product. And after us the Golden

# Raising a Crop Without Rain. J. M. MAHER.

It would seem from the various experiments and the results that the present downpour of rain is unnecessary, and at times it would seem that a deliberance from the wrath of the rainmaker would be as acceptable as a deliverance from the drouth would have been last season. I have carefully read the experience of the various methods of soil culture, the Campbell system included, and I have only words of praise for their efforts in this direction, only I want to give a few citations of what I believe is not only practical but should be enlarged upon by every farmer in this great corn belt west of the

Mississippi River. To begin with, I always have been an advocate of deep rooting of all kinds of plants or shrubbery. In other words, I believe in going down after the moisture instead of trying to draw it up. While I agree that the moisture can be brought to the surface and held there by the packing or granule proc-ess, this is in keeping with nature, as soil is packed the action of heat from the sun draws the moisture up from below, but the packing or closing of the minute granules or cells permits the too rapid evaporation of moisture. This in itself commends this method. Take, for instance, a corn crop in need of rain. One field with the soil mellowed up by such a process will stand the ravages of hot winds for weeks, whereas a field not thoroughly pulverized and mellowed will wilt and dry up in half the time.

Now, right here I want to call attention to a few facts. While I agree with all systems of soil culture, I believe millions of dollars of wealth can be added to our country by careful attention to this matter of deep rooting. We Americans, as a rule, are accredited with being vigorous rooters! But if we farmers can root our crops a little deeper and thereby add a few millions to the wealth of our country it becomes our plain duty to begin to root at once! Of course, this will be a hard proposition for old-time rooters who have been accustomed to the old laws.

I have experimented both ways with corn and wheat, and I find it not only pays to plant corn deep, but also prepare your ground well and plant your winter wheat from five to six inches deep, and I will guarantee that unless the roots are destroyed by insects or other pests no loss will occur from hard freezing or lack of cover during the winter months. My corn, which is lister planted from eight to ten inches deep, never dries out. In 1895, the second dry season, my corn averaged forty bushels per acre, some of it going fifty bushels. During the dry season of 1901 my corn averaged fifty bushels per acre, some of it going sixty-five bushels two seasons of extreme drouth I attribute to the deep planting of the seed. I always list my corn from eight to ten inches deep. I always plow my corn



when the ground is moist. I never allow it to become so weedy that it has to be plowed after the corn starts to tassel, especially in a dry time.

I have had good success with growing winter and spring grain by deep planting. Grain of any kind when it is nearing maturity needs all the moisture it can get. But how often we have a continuous hot and dry spell just when the grain needs the opposite? If your corn or grain is deep rooted how much better it will stand the hot sun and dry winds, as compared with the shallow planted grain! Try this plan with your fall wheat and note the results. your ground in good shape; then with a press drill, put the seed into the ground rom five to six inches deep. Of course, this will necessitate extra horse power. A good way to do if you have the extra horses, is to change your horses every three hours. You will find the will go on better and the extra yield will pay you for the increased expense, not to speak of the chances of losing your crop by drouth you put

### A Great Kansas Farm.

The agriculturist who carefully cultivates forty or sixty or eighty acres and calls it a farm is likely to look upon a "quarter section"—the regulation homestead of 160 acres—as a large estate. An entire section (a mile square) he would doubtless regard as a tremendous area, and a half-dozen sections would seem like a whole province. What would such a man think of a farm on which from 100 to 150 men are employed; a farm whose furthest corner is seventeen miles from the farm house; a farm that requires three book-keepers and stenographers to make a record of its activity.

That is the scale upon which M. M. Sherman conducts his farm in central Kansas. He has more than 40,000 acres. Every year he sells more than 2,500 fat beeves. If a man were to start to ride around his farm on horseback, following the fence line and riding fifty miles a day, he could not make its circuit in two days.

Mr. Sherman is now trying to devise a method of plowing by power by the use of two engines, one at either end of the field, propelling a cable between them, to which the plows may be attached. He believes this to be the best solution of the plowing by power problem, provided a gasoline engine can be made with sufficient weight to propel the plows and still not be too heavy for practical utility. In fact, every experiment which is made in the work of the farm is commensurate with the size of the farm and its crop. But nothing is unwieldy and the entire little State which the Sherman farm makes swings along with better system and with greater profit than commonwealths a century ago.—The World's Work.

# Sure of Its Victim.

Dr. D. M. Bye, of Indianapolis, Ind., the great cancer specialist, who has cured over six thousand cases of cancer within the last eight years with soothing balmy oils, says that one time he selected a list of five hundred names of persons who had written to him relative to taking treatment, but who, from some cause, had neglected to do so, and wrote to them several months later inquiring after their condition; to his surprise and grief he learned that nearly twenty per cent had died within five months from the time they had written their letters of inquiry. If left to itself cancer is always sure of its victim. Book sent free, giving particulars and prices of Oils. Address Dr. D. M. Bye Co., Drawer 505, Indianapolis, Ind.

To anxious, prying thought,
And weary, fretting care,
The Highest yieldeth nought,
He giveth all to prayer.
—Paul Gerhardt.

# Agricultural Matters.

The Sorghums as Forage Plants.

F. D. COBURN, SECRETARY KANSAS STATE BOARD OF AGRICULTURE.

The sorghums have occpied a prominent place in the list of Kansas crops almost from the State's agricultural beginning, being among those enumerated in the earliest statistics of the Board of Agriculture. These pioneer sorghums were mostly if not wholly of the saccharine varities, and served a triple purpose, viz: for the manufac-ture of syrup, and later of sugar, and for forage or grain; now, however, more for the latter. Conditions and circumstances seem to have halted at least for a time the manufacture of sugar from sorghum, and interest in sorghum-syrup making is likewise gradually waning, as twenty years ago the acreage grown for that purpose in Kansas was considerably over twice as large as now, while the area planted for forage in 1902 is greater than then by 905 per cent. It was early found that these sorghums were admirably adapted to that part of Kansas where corn is not considered a reliable crop, and their cultivation and use was widely extended throughout that region with commendable promptness. As their merits became better known their acreage be came more and more extended until every county in the State had a greater or less area.

In 1883 the area of sorghum for for age or grain was 53,771 acres, in 49 counties; in 1902, 540,855 acres, in the 105 counties of the State. This of the sweet varieties, and until ten years ago they had no competitor for public In 1893, however, statistics re favor. In 1893, however, statistics revealed in Kafir-corn, one of the non-saccharine sorts, a rival, and its area was given then as less than 47,000 acres, against nearly 173,000 acres of the saccharine kinds, for forage, grain and syrup, for the same year. In 1902, the total area in Kafir-corn alone is 748,175 acres; of the saccharine varies. 748,176 acres; of the saccharine varieties 561,266 acres, or a difference in favor of the former of 186,910 acres, or 33.3 per cent. As forage plants the sweet sorghums rank equally with the non-saccharine, such as Kafir-corn, Jerusalem-corn and milo maize, particularly in western Kansas, where higher altitude and dryer atmosphere are especially favorable for their curing and keeping.

The following table shows the area of saccharine sorghums for forage or grain, and that of Kafir-corn, in Kangas, for each of the years given:

	Saccharine Sorgums.	Kafir-corn.
77	Acres.	Acres.
Year.		
1893	132,205	46,911
1894	173,502	95,237
1895	283,137	184.198
		373,058
1896		371,838
1897	352,528	
1898	388,259	535,743
1899	448,798	618,895
1900		645,186
		618,816
1901	541,821	
1902	540,855	748,176

While these figures indicate their progress as competitors for popularity and disclose the large difference between their annual plantings, they no means depreciate the value of the saccharine or disturb it in the ranks of the best-known forage plants in the world, but show the marvelous advancement made by its youthful kin, which claims not only abundant foliage of first-class quality, but a fattening value in its grain almost if not quite equal

to Indian corn.

The statistics as returned to the State Board of Agriculture for 1902 show that Kafir-corn has gained in Kansas in the past year nearly 130,000 acres, or 21 per cent. Seventy-two counties report increases aggregating about 190,000 acres, of which Norton gained the most, or 9,586 acres, closely followed by Butler, with an increase of having over 5,000 acres; now there are 9.470 acres. Greenwood is next with thirty-two, fifteen of which have 10,000 8,552 acres more, and Anderson is greater by 7,640 acres. Butler has the largest area, viz:35,792 acres; Lyon is second with 29,678 acres; the combined acreage of these two in 1902 being 40 per cent more than the total for the State in 1893, when the crop was first deemed of sufficient importance to be given recognition in the statistics of the State Board of Agriculture. Greenwood in the other county having over 20,000 acres, and there are twenty-seven counties which have between that number and 10,0000 acres. Doniphan has the smallest area, 149 acres, and has only 192 acres of the saccharine sorts which may be accounted for by the fact that Doniphan is one of the most reliable corn-producing counties. andotte makes no return, and thirty-two counties report a loss of 60,525 acres. the largest decrease being 9,956 acres in Dickinson, where the saccharine sor- cent; Republic, 7,063 acres, or 68.2 per

wheat-belt it is supposed that this area was devoted to wheat instead.

Saccharine sorghums for forage and grain have also made excellent progress in areas, and have now over a halfmillion acres devoted to their growing, which is practically the same as last year and the year before (1900), when they reached the highest mark, or 542. 622 acres. Kafir-corn, however, has shown a steady increase, excepting a slight setback in 1897. After three years trial, the statistics for the fourth (1896) mutely show the Kansas farmers' emphatic approval of this new plant by devoting an area to its production considerably larger than that given to the saccharine sorghums, and its plantings continued to increase while the sorghums apeared to make no

gains in recent years.

It is a significant and noteworthy fact that the prosperity of the past decade is contemporaneous with the recognition of alfalfa and Kafir-corn in the aggricultural economy of Kansas, and no one can successfully deny that these two crops have been big factors in its realization. By the fact that Kafir-corn can be successfully grown in all localities, of its being a strong resistant to protracted heat and dryness, and its proved feeding qualities, close or practically equal to corn, it promises to become a principal resource in a region where live-stock is the predominating interest and the production of corn something of an uncertainty.

### Progress of Alfalfa-Growing in Kansas

Alfalfa has been officially recognized in Kansas for an even dozen years, and during that time its popularity has steadily increased. Prior to 1890 it was not deemed of sufficient importance w be taken notice of in the statistics of the State Board of Agriculture. Now, and for the first time, it has a larger acreage than any other tame grass, its area being over 458,000 acres, according to the sworn returns of assessors now being compiled and tabulated by Secretary F. D. Coburn.

Timothy has been alfalfa's leading competitor in area until this year, when the returns proclaim its field is 138,657 acres, or 30 per cent smaller than that devoted to alfalfa. It is an interesting fact, also, that as early as the fourth year of alfalfa's statistical record (1894) its area exceeded by 24,000 acres that of the clovers for the same year, and each canvass since has shown an increased difference in favor of the former. Indeed statistics indicate that for Kansas alfalfa is being found su-perior, by those who have had experi-ence with them, to timothy or clover. It not only is a perennial legume, of unusual powers of resistance to protracted dry weather, as against timothy and the biennial clovers of less fortitude, but annually yields from two to three times as much feed equally or more nutritious, and is a remarkable soil renovator besides. These facts in large measure account for the marvelous increase in appreciation and sowing of alfalfa, as disclosed by the figures. In 1891, of the tame grasses, alfalfa ranked fifth in area, with 34,384 acres; in 1902, first, with 458,493 acres, a gain of 424,109 acres, or 1,233 per cent, and an increase over 1901 of 139,351

acres, or 43.66 per cent. From 1891 to 1897, inclusive, Finney led all owner counties in acreage; in 1898, Butler was first with 12,629 acres; in 1899, Jewell forged ahead with 14,260 acres, which position has been retained with an increased area each year since having in 1902 33,976 acres, which lacks but little of equaling the total for the State in 1. 1. In that year there were nine counties having 1,000 or more acres; this year there are sixty-eight; acres and upwards, to 33,976 in Jeweli. In 1891 these fifteen counties had a total of 14,483 aeres; in 1901, 159,282 acres, and in 1902, 225,113 acres, a gain over last year of 65,830 acres, or 41% per cent, and an increase in twelve years of 210,630 acres, or 1,454 per cent. This year the combined acreage of the twenty-six highest ranking counties surpasses the total area for the entire State in 1901.

Alfalfa can be grown in any county in the State, and ninety-nine of the 105 report a greater or less area devoted to this wonderful plant. Eighty-four counties show a total gain of 142,504 acres; sixteen lose 3,153 acres, and five make no change from last year. Among the counties showing the greatest gains in area for the year, and their per cents, are: Jewell 11,982 acres, or 54.5 per cent; Smith, 7,052 acres, or 93.1 per

ghums are also less by 5,000 acres, but as Dickinson County is in the famous IT IS SOLVED The question that has most agitated the ginners and compressors for years is that of a proper tie for cotton baling.

## THE WIRE COTTON TIE=

Has solved the problem. It combines strength and durability, ease and rapidity of applicaton, and is adapted to any kind of press. These ties are made from very tough and expensive steel, manufactured especially for the purpos by the Illinois Wire Co., Chicago. There is absolutely no breakage and the wire never slips, hence more density. The wire is round, therefore does not cut the bagging or fiber of cotton. Write for circular and prices.

WILLIAM CHRISTIAN, Agent, 203% Main Street, Houston, Texas.

field seeds. Write us for prices.

ALFALFA SEED FOR FALL SOWING. We can furnish pure, plump, vigorous seed crop 1902 in car or one-bushel lots. Also all other kinds of field seeds. Write us for prices.

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# Winter Seed Wheat Hardy Varieties. Heavy Yielders.

Our Russian wheat, grown from last year's importation, is an iron-clad variety. Made yield of 47½ bushels per acre this year in Fremont County, Iowa. Price, \$1.50 per bushel. Our Turkish Red is perfectly pore and clean, a fine yielder of high quality hard wheat. Price, \$1.00 per bushel, well sacked, shipped f. o. b. cars at Farragut. Send order early for what you want.

W. W. VANSANT & SON, Farragut, Iowa.

cent; Marion, 5,087 acres, or 72.4 Norton, 4,950 acres, or 34 per Decatur, 4,253 acres, or 70.7 per cent; cent; Greenwood, 3,994 acres, or 48 per cent; Phillips, 3,979 acres, or 43.5 per cent, and Sedgwick, 3,097 acres, or 36.9 per cent. Even more striking are the showings afforded by the percentages of gain in area in the past year, in these couties: Cherokee, 716 per cent; Bourbon, 507 per cent; Johnson, 457 per cent; Anderson, 373 per cent; Anderson, 373 per cent; re-osno, 370 per cent; Allen, 337 per cent; Fran a, 327 per cent; etc.

The following table shows, according to their rank, the present leading fifteen counties in alfalfa in Kansas, with their alfalfa acreage in 1902, and also in 1901 and 1891:

in ibor and iooi.		A	Acres.
Counties. Jewell	Acres.	Acres.	296
Jewell	33,976	21,994	
Butler	21,651	15,659	503
Norton	19,351	14,401	442
Republic	17,452	10,389	496
Smith	14,620	7,568	53
Phillips	13,110	9,131	111
Greenwood	12,247	8,253	421
Marion	12.111	7,024	851
Chase	12,106	10,390	1,401
Finney	11 945	12,545	5,717
Wabaunsee	11 751	8,978	1,031
Wabaunsee	11 719	8.871	1,098
Lyon.	11 496	8,399	1,023
Sedgwick	11 214	9,659	880
Mitchell	10 204	6,011	150
Decatur	10,204		
Totals	225,113	159,282	14,483

Timothy and clover, as hay plants have been long and favorably known in the agriculturt of the United States, and occupy a high and well-earned place in the list of such, wherever grown, and alfalfa, their superior, is a rich acquisition to a region where it flourishes so abundantly. The statistics give in-disputable evidence that under Kansas conditions alfalfa is proving to be the most valuable of her forage plants, which in no wise detracts from the well-known merits of others, but emphasize the desirability of extending its culture in a State where live-stock and meat-production are chief factors of its

Following is a table giving the acreage of alfalfa, clover and timothy, .n. Kansas, beginning with 1891 (tue year alfana statistics were first gathereu, and each year since, enuing with 1902:

1891	34,384	158,589	498,854 576,315
1892	62,583	127,994	577,343
1893	72,500	83,346	536,134
1894	90,825	66,474	530,134
1895	139,878	87,089	464,646
1896	155,949	93,007	355,657 347,904
1897	171,334	138,785	347,904
1898	231,548	180,146	330,432
1899	278,477	202,607	320,485
1900	276,008	219,834	317,039
1901	319,142	263,593	332,686
1902	458,493	109,172	332,686 319,836
1302	200, 200		0.77711515500

This portrays with statistical accuracy, says Secretary Coburn, the steady rise of alfalfa in Kansas from comparative obscurity to the foremost rank of the State's tame grasses, and suggests the present relative esteem in which they are held by Kansans.

Panic-grass—Kafir-corn Smut.

The grass sent from Mr. I. H. Dix, of Pratt, Kansas, for identification is Panicum virgatum or Tall Smooth Panic-grass. It is a tall, leafy perennial grass, likely to be of considerable value for hay, but as no series of analyses have been made of our prairie grasses it is impossible to say what its value is compared with the Blue-stems or the Grama-grasses. It is, however, a promising hay grass so far as appear-

ances go.
With regard to the inquiry of Mr.

Butler, 5,982 acres, or 38.1 per Stavlund respecting smut in Kafir-corn and any danger to stock following their eating it, I will say that extended experiments in feeding corn smut which is intimately related to the sorghum smut which attacks cane, Kafir-corn, etc., fail to show any injurious results, and it can be laid down as a general proposition that cattle will not eat enough corn smut to injure them when fed in the field. Although I have seen no similar experiments in feeding sorghum smut to cattle, it is utterly im-probable that it would be injurious to stock, since the closely related corn smut is harmless. However, it is well to separate the smutted heads so far as possible, and burn them to prevent the Kafir seed for next year from having smut grains mixed with it.

H. F. ROBERTS. . Kansas Experiment Station.

Wants Plans for a Dairy Barn.

EDITOR KANSAS FARMER: - I am contemplating building a cow, or dairy barn, and am undecided as to what I want. Can you, through the columns of the Kansas Farmer, give some plans and specifications? Will it do to build horse and cow barn all together or under same roof, or would they better be separate?

J. P. WALKER.

Cunningham, Kingman County.

If readers of the Kansas Farmer will furnish drawings of their barns the publishers will have them engraved and will print them. Send also specifications. Should more plans be received than can be profitably printed, the most useful of those first received will be used. The original drawings will be returned if return is requested.

## Corn Questions.

EDITOR KANSAS FARMER: - Why does seed corn brought from the North or East to this part of Kansas (southeast corner) soon produce an ear with such immense cob and shallow grain? Will seed corn brought from south of us or same latitude east produce the same? What is best method of cultivating corn after it is "laid by" to preserve dust mulch and thereby hold moisture? Will some corn-breeder answer? I have about concluded that we will have to breed our corn. Am I right?

FRANK HOOVER. Columbus, Cherokee County.

Sorghum.

EDITOR KANSAS FARMER: - Since haritting in cane wheat drill, one bushel per acre, earliest being now seven feet high and very thick and heavy but not headed out. Would it be better to cut it now and get a second large crop, or would it be better to let it grow larger and head out and get but one but a larger crop? Will those having had experience kindly answer, taking into consideration value of feed after put up, rather than reiative cost of putting up crop?

DRYDEN BROS., Spring Creek, Chautauqua County.



# Borticulture.

### Marketing Fruit.

GEO. T. POWELL, BEFORE THE NEW YORK FRUIT-GROWERS' ASSOCIATION.

A crop well grown is half sold. After a day of careful inspection of many orchards in Orleans County, it is evident that the business of growing fruit is not entirely well understood by many engaged in it. Here are two illustra-tions (the speaker here exhibiting two samples of apples taken from two dif-ferent orchards in Orleans County). The apples from one orchard are excellent in size, clear in color, free from scab, and also from worms. Fully 70 per cent of the apples of that orcharu will barrel No. 1, and they will be sought after at the highest market price. No trouble whatever to sell these. Another sample from another these. Another sample from another orchard nearby shows only half of the size; the apples are covered with scab, and 75 per cent will not be fit to put in barrels. What makes the difference? One grower has understood his business, the other has not.

Since being here, two topics have been very prominent in the discussion among farmers; one is the weather, the other apple scab. This is not the first time western New York has had so severe a visitation of the scab. In 1889 came to Niagara County to discuss peach culture at a meeting somewhat similar to this, and on arrival was asked to change the subject to the cause for the great blight that had come over the apple orchards. An immense crop of apples had set, but in the early part of July the fruit had all fallen, and the foliage looked as though a killing frost had touched it. There were not apples enough on most farms to make an apple (A voice from the audience "There was not a barrel of apples in Niagara County that year.") The sea-son had been very wet, like the present one, and as spraying was not then understood, or done, the crop was a total

It will be highly important to grade apples properly this season. There will be a great temptation to run in a large quantity of these scabby apples, which will be a most serious mistake. In our home markets, a large number of No. 2 apples wil be taken by the grocers' and bakers' trade, but they should be packed and marked only as No. 2. This fruit will not do at all to ship to foreign markets. The English buyers are the most exacting, and will pay the highest price for fine fruit. We lost our once high reputation in the English markets for American cheese, by sending in a fraud in the form of filled cheese, and while the English consumer wants our fine apples, he will not touch our poor fruit, and we injure our reputation every year that scabby, poor fruit is sent over to the English or German markets.

We need to study the demands of different markets. London will pay the highest price for red apples of medium size. Liverpool will pay high\_prices for large applies like the King, Twenty Ounce, Hubbardston, and Spy. The same is true in our home markets; and to realize the highest value, the shipper must understand what different mar-kets most demand. Boston will pay the highest price for Fameuse, Graven-stein and McIntosh; New York for King, Jonathan and Rhode-Island Greening; Chicago for Hubbardston; and the Gilliflower will bring more money than any other variety in our southern cities.

In packing, use barrels for No. 2 stock; but for apples of fine quality use bushel boxes. Growers do not take sufficient pains to inform the consumer in regard to the special value of fine varieties. On every box of fine apples, like the Jonathan, Spitzenburg, Wagener, McIntosh, Sutton's Beauty, Baily Sweet and others, a printed label giving the fine quality of these different chase new plants each year, saving the varieties in a brief description would strongest of the plants for another seabe of great value in giving important information to consumers. The manuinformation to consumers. facturers of cereals understand this by putting descriptions on attractive packages showing the highly nutritive properties of the different cereal products

offered for sale.

New York fruit-growers would reap great advantages by more of coopera-tion in selling. Every community should have its organization through which all fruit could be shipped, evenly and honestly graded and packed, sent out under a trademark that would be a guaranty of its quality. California is steadily reaching out to the markets of the world with her finely-graded and packed fruit, which does not compare in quality with that grown in the East-

good, in addition to its carefully made reports, the furnishing of chemicals and fertilizers and in organizing the selling interests of its members. Every fruitgrower in the State should join the association and help to make this possi-The apples and other fruits grown in New York are not equalled in point of high flavor by any other section of the United States, and it is only necessary for growers to use the best methods of culture that will produce the best, and the through a good business organization make it known, and push our fruits into the markets of the world.

### Chinese Primroses.

MRS. H. M. WOODWARD, IN OHIO FARMER

No better flowers can be found for continuous winter blooming than the several varieties of Chinese primroses. Their needs are not generally understood, most writers recommending them only for north windows or those which receive little sunlight, and often giving such complicated directions for their culture that amateurs fear to undertake it. I seldom raise the plants from seed, as they need careful attention during summer, when I do not want to be troubled with plants which must have close attention every day.

Late in August or early in September I go to a greenhouse and buy about twenty-five seedlings, which at that time have four or five small leaves. They cost but little, usually fifteen or twenty cents a dozen, and there is little trouble in potting them. Select four-inch pots, and prepare the soil by using rich garden soil with the addition of one-third sand, unless the soil is naturally quite sandy. This is ab-solutely necessary as the roots must be in perfectly drained soil or they will rot. When the plants are potted take wooden toothpicks, two or three for each plant, and place one end of each in the soil in such a way as to brace up the plant, holding it firmly in posi-tion. Otherwise the plants are liable to fall to one side and break off or become ill-shaped.

The crown of the plant must not be covered, and it is well to have the soil higher in the center of the pot than at the edges while the plants are small and tender, so that no water can stand around the crown of the plant. Prepare boxes the length of the windowsills, five inches wide and five inches deep, inside measure. They can be ornamented in any way desired, those with a narrow moulding around top and bottom and painted like the woodwork of the room looking verp neat. In making the boxes the pieces should be as perfectly joined as possible to make them almost waterltight. Fill them half full of sand and sink the pots into it for about half their depth. Keep the sand always moist and the plants will grow rapidly and be in bloom by the holidays.

The sand answers a two-fold purpose keeping the roots moist by contact, and the steam rising from the wet sand when the sun shines on it gives the plants the moist air of a greenhouse, which is so necessary to their successful culture.

Grown in this way the plants need not be repotted, the four-inch pots serv-ing them nicely all through the first season. As to direct sunshine, which is usually forbidden for these plants, give them all the sunlight possible, but see that the sand never becomes dry, and in watering plants in full sunshine allow no water to touch either foliage or buds.

The plants are certain to bloom and when they begin will continue all through the winter and spring. It is often necessary to pick the buds from these plants in summer, in order to save their strength for another season's were from an older and poorer class of to purblooming. A weak plant will never pay for the labor spent on it, and should be discarded at once.

Old plants should be cared for in this way: After the weather becomes warm, set the boxes outside in a shaded place, watering about three times a week un-less rain falls. Keep all buds picked off and in July take the plants from the pots, shaking all the soil from the roots. If any of the roots are black and unhealthy looking, prune them out with a

very sharp knife. Take five-inch pots and use the soil recommended above for seedlings, setting the plants deeper than they grew before, to prevent a leggy appearance. Use the toothpicks if necessary, removing them after the plants have become ern States, when given good culture.

The State Fruit Growers' Association has in it the possibility for doing great ing summer, let no buds form till Octo-



ber and the plants will begin to bloom in December.

Plants can often be used with good success for three years, but it is best to have a few new ones each year. There are three varieties, single, double and fern leaf, and they are in several colors, white, pale pink, deep pink, lilac and deep red. The fern-leafed variety is a beautiful plant with long, deeply cut leaves, and is handsome even when not in bloom. Some of the blossoms of all varieties will be fringed and ruffled, while a few will be plain, flat flowers that are not so handsome. These, however, usually make up the difference by profuse flowering, the rule applying here as elsewhere, that the more common flowers produce a greater number in their effort to perpetuate their species.

### The Breeding of Apples.

PHILIP LUX, BEFORE SHAWNER COUNTY HORTICULTURAL SOCIETY.

This is the time of year when the horticulturist who contemplates setting a new orchard should select, in his neighborhood or county, such individual trees as have special merits and should mark them as trees from which to cut scions when the proper time for cutting comes. Then with these scions he can either do his own grafting or have some reliable person graft for him. This method is in line with progressive scientific breeding as a foundation upon which to start an orchard. By following out this plan the apples will be ready for the market sooner than they would if the orchard set at once from stock obtained from nurserymen. It also obviates the risk of their bearing no apples at all. An orchard of trees obtained in this manner, properly planted and cared for, would be a pleasure as well as a very profitable investment.

To substantiate the above I will refer to my experience of thirty-two years of apple-growing in Shawnee County,

In 1869 I planted 50 yearling trees; in 1870, 550, and in 1872, 800, making an orchard of 1,400 trees. were on similar ground and planted and cultivated alike by myself. The orchard was on what we now consider ideal orchard ground. The trees were noted for their beauty.

In the first lot were 10 Jonathans and a few Missouri Pippins, which bore ordinary apples but far from paying crops. In the second lot were 20 Jonathans, fine symmetrical trees, which never bore a bushel of marketable aples. On alternate years they bore a full crop, but the apples were small and irregular. In the third lot were 16 Jonsthans, which every year bore from a medium to a full crop of fine No. 1 apples. There were also 30 Pippins, 5 of which failed to grow. There were only two years in which the remaining 25 trees bore apples large enough to go as No. 2, and never a barrel of No. 1. The following year I filled in the 5 miss ing trees and every year they bore fine apples, mostly No. 1. These were planted right among the other trees. Mr. Campbell, the nurseryman, of whom I bought the trees, told me afterwards that these 16 Jonathans and scions selected from his young and vigorous orchard, which was noted for saps which made me money, some of them being excellent trees, others absolutely worthless. Across the road from this I have another orchard, ten to founteen years old, in which about the same conditions exist.

I frequently pass two small orchards, one on either side of the road. For six years the one has had a good crop of apples almost every year, while the other has seldom borne anything at all. The conditions are in favor of the un-

productive orchard. This state of affairs exists all over our country. Now the question is, What is the matter? Have our nurserymen ored their commercial apples up by their method of getting scions from their nursery trimmings or anywhere, regardless of their merits, just so that they were true to name? No wonder

and nearly as many hundred dollars in experiments, and just learned that I don't know anything about orcharding."

Our berrymen, chickenmen and stock-men propagate from such stock only as have special merits. Is it not time that we should do the same? I am convinced that if apple raisers had selected scions from trees of special merit, and with proper care, there would be less disappointment now, and there would be no need of Major Holsinger's confession.

TREES best by Test—77 YEARS
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FRUIT BOOK free. We PAY CASH
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reissus," " igian Hyacinths. ape Hyacinths. trape Hyacinths. liant Crocus. ltar of Hethlehem. exalls, 3 sorts.

John Lewis Childs, Floral Park, N.Y.

# **Banner Riding Attachment**

For Walking Plows and Listers



Weight 110 Pounds.

The Banner Attachment will work on ANY plow, lister or harrow, and will do the work of any sulky plow. It will cost you \$15 from your dealer, or delivered by us at your station. We want agents. Write for terms and territory.

The Coffeyville Implement & Mfg. Co., COFFEYVILLE, KANSAS.

WANTED—To employ men and women on salar all expenses paid. Enclose 2-cent stamp for paticulars. BEARS POWDER CO., Box J, Dalton, Pa,

# The Stock Interest.

### THOROUGHBRED STOCK SALES.

Dates claimed only for sales which are advertised or are to be advertised in this paper.

September 17, 1902—Chas. S. Strange, Blue Rapids, Kans., Herefords. September 17, 1902—J. F. Finley, dispersion Short-horn-sale, Breckinridge, Mo. October 1, 1902—Wm. Plummer, Poland-Chinas, Barclay, Kans. October 7-8, 1902—J. S. McIntosh, Kansas City, Mo., Shorthorns.

Shorthorns.
October 13, 1902 — Newton Bros., Whiting, Kans., Duroc-Jersey swine.
October 15, 1902 — Combination sale of Poland-Chinas t Clay Center, Kans., J. R. Johnson, Manager.
October 18, 1902 — J. W. Dawdy, Abingdon, Ill., an D. L. Dawdy, Arrington, Kans., at Galesburg, Ill., Shorthorns.
October 20, 1902 — R. T. Marketter 18, 1905 — R. T. Marketter 20, 1909 — R. Marketter 2

Shorthorns.
October 20, 1902—E. E. Axine, Poland-Chinas, Okt Grove, Mo.
October 21 and 22, 1902—Herefords at Kansas City, Mo., under auspices of American Hereford Cattle Breeders' Association. (Week of American Royal.) October 22-22, 1902—Combination sale of Berkshires, at Kansas City, Mo. (Week of American Royla.) October 23, 1902—J. B. Davis, Duroc-Jersey, Fairview, Kans.
October 20-25, 1902—American Royal Swine sale. Berkshires, and Poland-Chinas, Kansas City Stock Yards.

view, Kans.
October 20-25, 1902—American Royal Swine sale.
Berkshires, and Poland-Chinas, Kansas City Stuck
Yards.
October 31, 1902—J. C. Hall, Hallsville, Boone Co.,
Mo., at Centralia, Mo., Shorthorns.
November 1, 1902—W. H. Ransom, Wichita,
Kans., Shorthorns.
November 1, 1902—H. M. Kirkpatrick, Farm sale
of Poland-Chinas, Wolcott, Kans.
November 3, 1902—Peter Blocher, Richland, Shawnee
County, Kans., Duroc-Jersey swine.
November 6, 1902—Thos. Andrews & Son, Cambridge, Neb., Shorthorns.
November 7, 1902—Manwaring Bros., Lawrence
Kans. Berkshires.
November 10, 1902—Manwaring Bros., Lawrence
Kans. Berkshires.
November 10, 1902—Thos. Andrews, Cambridge,
Neb., Shorthorns and Clydesdales.
November 11, 1902—A. B. & F. A. Heath, and Hon.
A. C. Shellenberger, Alma, Neb., 45 Shorthorns.
November 13, 1902—Geo. W. Berry, North Topeka,
Manager. Combination sale of Berkshires. Manhatten, Kans.
November 13, 1902—Purdy Bros, Shorthorns, Harris,
Mo.
November 14, 1902—Harry E. Lunt, Poland-Chinas,

Mo. November 14, 1902—Harry E. Lunt, Poland-Chinas,

November 14, 1902—Harry E. Lunt, Poland-Chinas, Burden, Kans.
November 15, 1902—A. B. Mull, pure-bred Poland-Chinas, Iola, Kans.
November 18-19, 1902—Marshall County Hereford Breeders' Association Sale, Blue Rapids, Kans.
November 19, 1902—Cooper County Shorthorn Breeders, C. P. Tutt, Secretary, Bunceton, Mo.
Cooper County, Mo. Shorthorn Breeders' Association, at Bunceton, Mo., November 19, 1902.
November 20 and 21, 1902—The North Missouri Combination Sale Association, H. J. Hughes, Secretary, Trenton, Mo., Shorthorns and Herefords, O.
November 22, 1902—Col. J. F. True & Son, Newman, Kans., and Preston Wyckoff, Rome, Kans., Shorthorns, at Wellington, Kans.
November 28-29, 1902—W. P. Harned, Vermont, Mo., and F. M. Marshall, Blackwater, Mo., at Kansas City, Mo., Gody Shorthorns.
December 4 and 5, 1902—iterefords at Chicago, Ill. under auspices of American Hereford Cattle Breeders' Association. (During week of International Cattle Show.)
December 9, 1902—J. E. Logan and Benton Gabbert & Sons, Kansas Chity, Mo.

ers' Association. (During week of International Cattle Show.)
December 8-9, 1902—J. E. Logan and Benton Gabbert & Sons, Kansas City, Mo., Herefords.
December 16, 1902—Gifford Bros., Manhattan, Kans., Shorthorns.
December 19, 1902—Hanna & Co., Howard, Kans., Percheron horses, at Kansas City.
January 12-17, 1903—C. W. Armour and Jas. A. Funkhouser, Herefords, at Kansas City, Mo.
January 28-29, 1903—C. A. Jamison, Peoria, Ill., Shorthorns, at Chicago.
February 10, 11 and 12, 1903—J. F. Stodder, George Bothwell and others, Shorthorns; also C. A. Stannard and others, Herfords; Oklahoma City, Oklahoma.
February 17, 1903—Geo. F. Kellerman, Shorthorns, Kansas City, Mo.
March 3 and 4, 1908—C. H. Garner and M. A. Judy, Aberdeen-Angus cattle, Chicago.

# The American Royal Stock Show.

EDITOR KANSAS FARMER:-The question of space is about the only one that is worrying the management of the American Royal Cattle and Swine Show, to be held in Kansas City, October 20-25. With all four of the beef breeds-the Herefords, the Shorthorns, the Galloways, and the Angus-represented, and with the exhibit of rangebred cattle in carload lots, an entirely new feature, what to do with all the cattle is causing the managment some anxiety. Last year, without the Angus, and with the entries cut down on account of the drouth, there wasn't much room going to waste in the big fancystock pavilion and the big show-barn, with a combined floor space of about four acres. This year one floor of the fancy-stock pavilion will be used for the range cattle, as well as a block of pens that have been especially arranged for their use. The big show-barn, built last year at a cost of \$40,000, will accommodate 1,200 head of show cattle. The lowest estimate placed by the secretaries of the various breeders' associations on the entries this year is Some of them put it as 1.500 head. high as 2,000. The management de-clares there will be no trouble about the room—that quarters will be provided even though the entries reach double the highest estimate made.

It is now practically settled that the breeders of Duroc-Jersey swine will participate in the show. The Berkshire and Poland-China breeders claim that they will have not fewer than 1,500 hogs in the show, and the Duroc-Jerseys will, they claim, have upwards of 500. The swine department of the show will be under a mammoth tent alongside the show-barn, and connected with the tent in which the show cattle will be judged. It is planned to have 500 pens each capable of accommodating three hogs, or a total of 1,500. This the hogbreeders say will not be sufficient, and the management has assured ...em that Your business is with the animals.

when they get the 500 pens filled more will be provided. The committee in charge of the Poland-China division of the show met here this week and completed arrangements for the show. Each of the swine breeders' associations will hang up \$1,000 in cash prizes, besides numerous special prizes. The total prize list for cattle and swine will exceed \$20,000.

Much interest is manifested in the range cattle division, and the indica-tions are that seventy-five to one hundred carloads of fifteen animals each will be entered. The prizes are for range-bred and grass-any-hay-fed steers in which the blood of the different breeds predominates. There is also a division for fat steers and spayed or martin heifers.

While the railroad rates have not all been definitely announced it is safe to state that a rate of a fare for the round trip, together with free return of exhibition stock, will be granted.

### Millet Seed for a Grain Ration.

D. H. OTIS, KANSAS EXPERIMENT STATION.

Mr. E. W. A., Berryton, Kans., raises question concerning which little is known. He says: "I have a lot of millet seed that I think will be spoiled for seed on account of the rain. Can you tell me its value used with corn ensilage for fattening cattle? Can it be used

to advantage in a ration for hogs?"

The only record that the writer can find on millet seed being used as a grain ration is the quotation given in Henry's "Feeds and Feeding," from Stewart's "Feeding Animals," as follows: "Millet meal is a highly appropriate food for young or mature horses. It has a higher proportion of albuminoids and a higher nutritive ratio than oats, but having less oil. It is found, when well ground (and it can not properly be fed without grinding), to be one of the best rations for horses, being particularly adapted to the development of muscular strength."

The recent rain will undoubtedly

The recent rain will undoubtedly cause a great deal of loss in the millet crops. In many localities where millet was intended as hay the harvesting has necessarily been postponed and the seed will ripen before the mower can cut it. The question raised by our cor-respondent is an interesting and important one and we hope our readers who have had any experience in feeding millet as a grain will give us the results of their experiences at an early date. On account of the peculiar season it will doubtless be valuable to a large number of the readers of the Kansas FARMER. Let us hear from you.

In absence of any further information the results with horses quoted above ought to give sufficient encouragement for our correspondent and others to test it by grinding and feeding it carefully to cattle and hogs.

## Points in Stock Judging.

Professor J. J. Ferguson, of the Micnigan Agricultural College, gives a few important points which he is accustomed to use in the class-room with classes in stock judging. They apply directly to the comparison of animals in the show-ring, but may be instructive and suggestive to all interested in one stock, whether in the capacity of a judge or simply as an admirer of fine They read as follows: stock.

1. Have confidence in your own powers

2. Concentrate your thoughts on the breed and breed type of the animals you are working upon.

3. Do not hurry. Take time to decide. Having done so, stick to it. "Be

cide. Having done so, stick to it. "Be sure you are right, then go ahead."

4. If possible, watch the class as it comes into the ring. There is outen something about the style and carriage of the winner which marks him out as

he walks. 5. Take a minute to look over the line from as near the center as possble in order to get a general idea on conformation.

6. Then pass slowly clear around the ring, inspecting each animal from front and rear.

7. Never be satisfied without using your hand in addition to your eyes. Appearances are often deceitful.

o. In handling, always work from front to rear. With cattle, work on the right side, approacning the animal from

9. First pick out the winner of the class; then use it as your standard in placing second and third.

10. When first is placed, briefly sum

up its strong points.

11. Look for characteristic and most

common breed defects. 12. Pay no attention to either the men will you or the crowd around you.

### Nebraska's Greatest Fair.

Nebraska's Greatest Fair.

The thirty-fourth annual State Fair of Nebraska, which closed on September 5, was by far the most successful one ever held in that State. The weather during the week was perfect, the exhibits the best and the attendance large. This fair was especially strong in its display of agricultural products and farm machinery, indeed it has not been equaled in these respects by any Western fair in 1902. The display of purebred live stock was especially fine in quality, though the entries were not so numerous as at the Iowa State Fair held the preceding week. The State Board of Agriculture, under whose auspices the fair is held, was organized in 1856 by Hon. Robert W. Furnas and others, and he has been a member continuously since its organization. Mr. Furnas is now the efficient secretary, under whose management the State Board has won its greatest success in holding fairs.

One of the most notable features of the

has won its greatest success in holding fairs.

One of the most notable features of the fair this year was the county collective exhibits, which were first organized by Secretary Furnas. Realizing that the individual exhibitor of agricultural products is not likely to be present in any great numbers, he organized a county exhibit plan which resulted in filling Agricultural Hall to overflowing. The Nebraska State Fish and Game Commission, which had such a remarkable exhibit, is also one of Governor Furnas' pets.

These two features were especially creditable. The display of pure-bred live stock was of such a nature as to mark a distinct step in advance in the progress of this great State. The exhibits and awards are as follows:

# SHORTHORN EXHIBITORS AND AWARDS.

AWARDS.

T. K. Tomson & Sons, Dover, Kans.;
Thos, Andrews & Son, Cambridge, Neb.;
Ed Green, Morrison, Col.; Geo. E. Ward,
Hawarden, Iowa; John Leinke, Walton,
Neb.; W. Kenyon, Raymond, Neb.; O. P.
Hendershot and wife; Hebron, Neb.; F. W.
Retzlaff, Walton, Neb.; A. Bleick & Sons,
Benson, Neb.; C. G. Nootz, Raymond, Neb.;
Geo. W. Retzlaff, Walton, Neb.; Chappell & Co., Kearney, Neb.; T. J. Ryan &
Sons, Irwin, Iowa.
Aged bull—First, Ward on Lord Banff;
second, Ryan & Son on Young Abbottsburn
6tn; third, Green on Sittyton Hero.
Two-year-old bull—First, Andrews on Vol
unteer; second, Green on Best of All; third,
G. W. Retzlaff on Judge Excel.
Yearling bull—First, Ryan on Master of
the Ring; second, Tomson on Daring
Knight; third, Ward on Secret Valentine
2d.
Bull under 1 year—First, Tomson on Belted Knight; second, Andrews on Bar None

2d.

Bull under 1 year—First, Tomson on Belted Knight; second, Andrews on Bar None
2d; third, Andrews on Col. Bryan.

Cow 3 years old and over—First, Ryan on
Rose Stearne 4th; second, Green on Glenwythan 8th; third, Hendershot on Louan
14th.

Wythan Str. third, Hendershot on Louan 14th.

Two-year-old heifer—First, Ryan on Lovely 30th; second, Green on Scottish Belle 5th; third, Green on Louan of Cambria.

Yearling heifer—First, Tomson on Rose Stearne 6th; second, Ward on Nellie 3d; third, Tomson on Elderlawn Victoria.

Heifer, under 1 year—First, Andrews on Queen of Hearts; second, Tomson on 7th Mary of Elderlawn; third, Tomson on Rose Stearne 8th.

Exhibitor's herd—First, Ryan on herd headed by Young Abbottsburn 6th; second Green on herd headed by Imp. Sityton Hero; third, Green on herd headed by Best of All.

Breeder's Young Herd—First, Tomson on herd headed by Daring Knight; second, Ward on herd headed by Secret Valentine; third, Green on herd headed by Lance of

third, Green on head most of Gal-Orange.

Get of sire—First, Tomson on get of Gal-lant Knight; second, Andrews on get of Bar None; third, Ward on get of St. Valentine. Produce of cow—First, Tomson on prod-uce of Rose Stearne 2d; second, Green on Scottish Lady 8th; third, Green on Gleywy-than 4th.

scottish Lady Str; third, Green on Gieywythan 4th.

Senior sweepstakes—Bull, Ryan on Master of the Ring, Cow, Ryan on Rose Stearne 4th.

Junior sweepstakes—Bull, Ward on Lord Banff. Cow, Tomson on Rose Stearne 6th.

# HEREFORD EXHIBITORS AND AWARDS.

W. N. Rogers, McCook, Neb.; Stanton Breeding Farm, Madison, Neb.; Jonathan Adams. Eagle, Neb.
Aged bull—First, Stanton Breeding Farm; second, Jonathan Adams.
Two-year-old bull—First, Rogers on Beau Donald 28th; second, Rogers on Monarch of Shadeland; third, Rogers on Hooker.
Yearling bull—First, Stanton Breeding Farm on Climax 39th; second, Rogers on Monarch of Shadeland 4th; third, Adams on Thickset 7th.
Bull under 1 year—First, Stanton Breeding Farm on Prairie Donald; second, Rogers on Jury of Shadeland 2d; third, Stanton Breeding Farm on Marlowe.
Aged cow—First, Stanton Breeding Farm on Plattsburg Maid: second, Rogers on Minnie Wilton; third, Rogers on Lady Vincent 5th.
Two-year-old heifer—First, Stanton I

Minnie Wilton, this, cent of the cent of t

rarming neiter—First, Stanton Breeding Farm on Shadeland Maid 2d; second, Stanton Breeding Farm on Mason's Queen; third, Rogers on Shadeland Maid 4th. Heifer under 1 year—First, Stanton Breeding Farm on Lily Donald; second, Stanton Breeding Farm on Bopeep; third, stanton Breeding Farm on Blsie Grandee. Exhibitor's herd—First, Stanton Breeding Farm, on herd headed by Saulsbury 6th; second, Rogers on herd headed by Monarch of Shadeland.

Breeder's young herd—First, Stanton

second, Rogers on nerd neaded by Monarch of Shadeland.

Breeder's young herd—First, Stanton Breeding Farm on herd headed by Prairie Donald; second, Rogers on herd headed by Juryman of Shadeland 2d.

Get of sire—First, Rogers on get of Monarch of Shadeland 3d.

Produce of cow—First, Rogers on produce of Minnie Wilton.

Senior sweepstakes—Bull, Rogers on Beau Donald 28th. Cow, Stanton Breeding Farm on Miss Juryman 4th.

Junior sweepstakes—Bull, Stanton Breeding Farm on Prairie Donald. Heifer, no entry.

# ABERDEEN ANGUS EXHIBITORS AND AWARDS.

T. E. Williamson, Jackson, Minn.; D. N. Syford, Lincoln, Neb.; Reynolds & Son, Prophetstown, Ill.; W. A. McHenry, Denion, Iowa. Aged bull—First, McHenry on Royal Lad-

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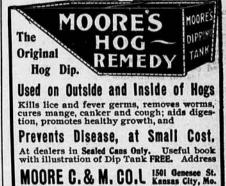


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die; second, Reynolds & Son on Ida's Eclipser; third, Williamson on Newbie. Two-year-old bull-First, Williamson on Fame of Woodland; second, Reynolds & Son on Pretoria; third, Syford on Heather

Two-year-old bull—First, Williamson on Fame of Woodland; second, Reynolds & Son on Pretoria; third, Syford on Heather Glory.
Yearling bull—First, McHenry on Bobby Dobbs; second, Williamson on Jetson; third, Reynolds & Son on Belle's Lad 2d.
Bull under 1 year—First, McHenry on Censor; second, Reynolds & Son on Prince I Go third, Reynolds & Son on Jimmy.
Aged cow—First, Reynolds & Son on May Ashey 2d; second, Reynolds & Son on Zara Palmer; third, McHenry on Pride of McHenry 5th.
Two-year-old cow—First, McHenry on Blackbird of Denison 31st; second, Reynolds & Son on Ida's Blackbird 2d; third, Williamson on Wing Creston Girl 14th.
Yearling heifer—First, McHenry on Blackbird of Denison 41st; second, McHenry on Coquette of Denison 24th; third, Reynolds & Son on Syblis Lad.
Heifer under 1 year—First, McHenry on Erica McHenry 3d; second, Reynolds & Son on Ida's Lovely; third, Williamson on Clearlake Valley 2d.
Exhibitor's herd—First, McHenry on herd headed by Royal Laddle; second, Reynolds & Son, on herd headed by Ida's Eclipser; third, Williamson on herd headed by Fame of Woodlawn.
Breeder's young herd—First, McHenry on Prince I Go; third, Williamson on get of Nuba.
Produce of cow—First, Williamson on Prince I Go; third, Williamson on Prince I Go; the Speckenontus.

Nuba.
Produce of cow—First, Williamson on produce of Jet of Pocahontus.
Sweepstakes—Bull, McHenry on Royal Laddie. Cow, McHenry on Blackbird of Denison 31st.

GALLOWAY EXHIBITORS AND AWARDS.

J. E. Bales, Stockport, Iowa; J. H. McAllister, Agee, Neb.; Roland & Sons, Rosehill, Iowa; G. W. Lindsey, Red Cloud, Neb. Aged bull—First, J. E. Bales on Walter C.

Two-year-old bull—First, Roland on Rouland 2d of Thorny Hill; second, Lindsey on Senator Mac; third, McAllister on Speculator.

lator. Yearling bull-First, Bales on Duke of

Nearling bull—First, Bales on Duke of German.

Yearling bull—First, Lindsey on Pat Ryan; second, Roland on Joplin; third, Lindsey on Jack Frost.

Aged cow—First, Roland on Velmer; second, Bales on Semiramis 19th; third, Lindsey on Mary of Red Cloud.

Two-year-old heifer—First, Roland on Senora; second, Roland on Musie R; third, Lindsey on Topsy Red Cloud.

Yearling heifer—First, Lindsey on Leona; second, Roland on Darkness of Wavertree; third, Bales on Stockport Belle.

Heifer under 1 year—First, Roland on Suana; second, Bales on Semiramis Hensol; third, Bales on Lady Cuzon.

Exhibitor's herd—First, Roland on herd headed by Rouald of Thorny Hill; second, Bales on herd headed by Walter C; third, Lindsey on herd headed by Pat Ryan; second, not allowed.

Get of sire—First, Roland on get of Highland

lowed.
Get of sire—First, Roland on get of Highland Earl.
Produce of cow—First, Roland on produse of Rosa of Dyke Creek; second, Bales on produce of Minnie Pet.
Sweepstakes—Bull, Roland on Rouald of Thorny Hill. Cow, Roland on Senora.

RED POLL EXHIBITORS AND AWARDS.

J. H. Crowder & Son, Bethany, Ill.; G. W. Coleman, Webster City, Iowa; W. F. Schwab, Clay Center, Neb.
Aged bull—First, Coleman on Abbotsford; second, Crowder on Josephus.

Two-year-old bull—First, Crowder on Halstaff 3d; second, Schwab on Protector.
One-year-old bull—First, Crowder on Lew
Wallace; second, Coleman on Billy Boy;
third, Coleman on Faultless.

wallace; second, Coleman on Billy Boy; third, Coleman on Faultless.

Bull calf—First, Crowder on Best Goods; second, Crowder on King of Kings; third, Coleman on Lively.

Aged cow—First, Crowder on Eva; second, Crowder on Supremacy; third, Coleman on Lacteal.

Two-year-old helfer—First, Coleman on Blanch; second, Crowder on Supremacy 2d; third, Crowder on Gay Fourth.

Yearling helfer—First, Crowder on Dew 3d; second, Crowder, on Supremacy 3d; third, Coleman on Orange Lilly 6th.

Heifer calf—First, Crowder on Julia Falstaff second, Coleman on Match; third, Crowder on Exmus Crowder.

Exhibitor's herd—First, Crowder on herd headed by Falstaff 3d; second, Coleman on herd headed by Josephus.

Breeder's young herd—First, Crowder on herd headed by Lew Wallace.

Get of sire—First, Crowder, on get of Josephus; second, Coleman on get of Bryan.

Produce of cow—First, Crowder on prod-

Josephus; second, Coleman of Stranger, Produce of cow-First, Crowder on produce of Eva Falstaff; second, Crowder on produce of Supremacy.

Senior sweepstakes—Bull, first, Crowder on Falstaff 3d. Cow, first, Crowder on -Bull, first, Crowder

on Best Goods.

JERSEY EXHIBITORS AND AWARDS.

Hunter & Smith, Lincoln, Neb.; H. C. Young, Lincoln, Neb.; J. E. Mahan & Son, Malcom, Neb.; G. W. Wineland, University Place, Neb.; Wm. Clark, Lincoln, Neb.; O. R. Myers, Lincoln, Neb.; C. W. Henry, Clay Center, Neb.
Aged bull-First, Hunter & Smith; seccn, H. C. Young; third, C. W. Henry, Two-year-old bull-First, Hunter & Smith; second, H. C. Young.
One-year-old bull-First, Hunter & Smith; second, H. C. Young; third, L. E. Smith; second, H. C. Young; third, L. E. Mahan.
Bull calf-First, H. C. Young; second

Mahan.

Bull calf-First, H. C. Young; second, Hunter & Smith; third, H. C. Young.

Aged cow-First, Hunter & Smith; second, Hunter & Smith; third, H. C. Young.

Two-year-old cow-First, H. C. Young; second, Hunter & Smith; third, Hunter & Smith.

One-year-old balance.

Smith.

One-year-old heifer—First, Hunter & Smith; second, H. C. Young; third, H. C. Young.

Heifer calf—First, Hunter & Smith; second, Hunter & Smith; third, J. E. Mahan. Aged herd—First, Hunter & Smith; second, Hunter & Smith; third, H. C. Young. Young herd—First, Hunter & Smith; second, H. C. Young; third, J. E. Mahan. Get of sire—First, Hunter & Smith; second, H. C. Young.

Produce of cow—First, Hunter & Smith.

Senior sweepstakes—Bull, first, Hunter & Smith. Cow, first, Hunter & Smith. Junior sweepstakes—Bull, first, Hunter & Smith. Cow, Hunter & Smith.

HOLSTEIN-FRIESIAN EXHIBITORS AND AWARDS.

J. C. Doubt, University Place, Neb.; H. C. Glissman, Omaha, Neb.; M. E. Moore, Cameron, Mo.; Mrs. D. E. Carruth, Lincoln, Neb.

C. Glissman, Omaha, Neb.; M. E. Moore, Cameron, Mo.; Mrs. D. E. Carruth, Lincoln, Neb.
Aged bull—First, Moore.
Bull, 2 years old—First, Glissman; second, Doubt.
Bull 1 year old—First and third, Doubt; second, Moore.
Bull under 1 year old—First, Moore; second, Glissman.
Aged cow—First, second, and third, Moore.
Helfer 2 years old—First and third, Moore, second, Glissman.
Helfer 1 year old—First and second, Moore; third, Glissman.
Exhibitor's herd—First, Moore, on herd headed by Missouri Chief Bassno; second, Glissman, exhibitor's herd—First, Moore, on herd headed by Mysouri Chief Bassno; second, Glissman, on herd headed by Chappell Neith; third, Doubt, on herd headed by Steward Gerben.
Breeder's young herd—First, Moore on herd headed by Regala Missouri Chief; second, Doubt, on herd headed by Baroney Gerben 2d.
Get of sire—First, Moore on get of Gerben Hengerveld Dekol; second, Doubt on get of Baroney Gerben.
Produce of cow—First, Moore on produce of Dockumer 6th Wayne; second, Doubt on produce of Sharon Maid.
Senior sweepstakes—Bull, first, Moore on Missouri Chief Bassano. Cow, first, Moore on Cowsilip Gerben.
Junior sweepstakes—Bull, first, Doubt on Baroney Gerben 2d. Helfer, first, Moore on Wayne Gerben Dekol.

BROWN SWISS.

BROWN SWISS.

All premiums awarded in this class went to Nixon & Laughlin, Auburn, Neb. FAT STEERS.

Two years, under 3-First, G. W. Lindsey, Red Cloud, Neb.

POLAND-CHINA EXHIBITORS AND AWARDS. AWARDS.

E. H. Andrews, Kearney, Neb.; S. McKelvie & Son, Fairfield, Neb.; Harvey
Johnson, Logan, Iowa; A. H. Boman &
Son, Lawrence, Neb.; J. H. Hamilton,
Guide Rock, Neb.; C. O. Lowrey, Dumbar,
Neb.; T. C. Phelan, Brayton, Neb.; E. F.
Jackson, Malcom, Neb.; P. & C. Dawson,
Endicott, Neb.; J. M. Conn, Utica, Neb.;
F. Friendly, Verden, Neb.; Geo. T. Dillon,
Fairberry, Neb.; C. G. Nootz, Raymond,
Neb.; J. H. Seid, Nemaha, Neb.; Dietrich
& Spaulding, Richmond, Kans.; Thos.
Stevenson, Norwood, Iowa; A. E. Hess,
Eagle, Neb.; C. H. Beethe, Elk Creek,
Neb.

Aged boar—First, Bowman on Lawrence Chief; second, Andrews on Grand Chief Te-cumseh 2d; third, P. & C. Dawson on Ex-

yearling boar—First, Johnson; second, Hamilton; third, McKelvey.

Boar 6 months and under 1 year—First, Johnson; second, Stevenson; third, Andrews.

Johnson; second, Stevenson; third, Andrews.

Boar pigs—First, McKelvey; second and third, Johnson.

Aged sows—First, Johnson on sow by Chief Tecumseh 3d; second, Seid on Neby Jumbo; third, Jackson on Lady Wilson.

Yearling sows—First, Johnson; second, McKelvey; third, Dietrich & Spaulding.

Sow 6 months and under 1 year—First, Stevenson; second, Johnson; third, McKelvey.

Stevenson; second, Johnson; third, McKelvey.

Sow pigs—First, Johnson; second P. & C. Dawson; third, Hess & Son.
Sweepstakes—Boar, Johnson on Johnson's Chief. Sow, Johnson on Symphony 2d.
Aged herd—First, Johnson; second, McKelvey; third, Dietrich & Spaulding.
Breeder's young herd—First, Johnson; second, Stevenson; third, McKelvey.
Get of boar—First, Johnson; second, McKelvey; third, Dietrich & Spaulding.
Produce of sow—First, Hamilton; second, Johnson; third, Dawson.

BERKSHIRE EXHIBITORS AND AWARDS.

T. J. Congdon, Pawnee City; J. H. Blodgett, Beatrice; Thos. Teal & Son, Utica, Iowa; F. Ashpole, Atlanta; Ed Green, Morrison, Col.

Aged boar—First, J. H. Blodgett; second, Thos. Teal & Son; third, T. J. Congdon. Yearling boar—First, Teal; second, Congdon; third, Blodgett.

Boar a 6 months and under 1 year—First and second, Teal; third, Blodgett.

Boar under 6 months—First and second, Congdon; third, Teal.

Aged sow—First, Congdon; second and third, Blodgett.

Sow 1 year old—First and second, Teal & Son; third, Blodgett.

Sow 6 months and under 1 year—First, second, and third—Teal & Son.

Sow under 6 months—First, Teal & Son; second and third, Congdon.

Herd, boar and three sows over 1 year—First and third, Blodgett: second, Congdon.

Herd, boar and three sows under 1 year—First and third, Blodgett: second, Congdon.

don.

Herd, boar and three sows under 1 year—
First, Teal & Son: second, Congdon.
Get of sire—First, Teal & Son; second,
Blodgett; third, Congdon.
Produce of sow—First, Teal & Son; second and third, Congdon.
Sweepstakes—Boar, any age, Blodgett.
Sow, any age, Teal & Son.

DUROC-JERSEY EXHIBITORS AND AWARDS.

DUROC-JERSEY EXHIBITORS AND AWARDS.

C. H. Searle, Edgar, Neb.; H. B. Louden, Clay Center, Neb.; W. A. Kirkpatrick, University Place, Neb.; W. H. Taylor, Bethany, Neb.; Geo. Briggs & Son, Clay Center, Neb.; Gilbert Van Patten, Sutton, Neb.; E. Z. Russell, Herman, Neb.; W. W. Hogate, Blue Hill, Neb.; A. A. Galt, Edgar, Neb.; Wm. Brandon, Humboldt, Neb.; Manley & Co., Lyons, Neb.; H. B. Kinley, Edgar, Neb.; W. H. Roush, Grand Island, Neb.; F. J. Kimball, Beatrice, Neb.; A. E. Shutt, Avoca, Neb.; E. J. Brown, Osceola, Neb.; Chas. Herman, Lincoln, Neb.; Louis L. Scott, Western, Neb.; J. C. Day, Cadmus, Neb.; C. G. Johnson, Osceola, Neb.; Smith Brown, Waterloo, Neb.; D. Meyer, Clay Center, Neb.; R. Sidders, Bennett, Neb.; John Bush, Ovoca, Neb.; W. H. Scott, Blue Hill, Neb.

Aged boar—First, Kirkpatrick on St. Patrick; second, Briggs & Son on Red Lad; third, Bowman & Fitch on Advance.

Yearling boar—First, Cole on Corrector C; second, Van Patten on Van's Perfection; third, Manley on Dandellon.

Boar under 1 year—Kirkpatrick; second, Searle; third, Louden & Son.

Boar under 6 months—First, Kenley; second, Briggs; third, Scott.

Aged sow—First, Bowman & Fitch on Aged sow—First, Bowman & Fitch on Mary; third, Russell on Nancy A.

Yearling sow—First, Briggs & Son on Clay Center Belle; second, Briggs & Son on Dark Beauty; third, Van Patten on Betsey Maid.

Sow 6 months—First and third, Briggs &

Maid.
Sow 6 months—First and third, Briggs & Son; second, Louden.
Herd, boar and three sows 1 year old—First, Van Patten; second, Briggs & Son; third, Bowman & Fitch.
Herd bred by exhibitor—First, Briggs & Son; second, Louden & Son; third, Galt.
Get of sire—First, Louden; second, Bowman & Fitch.
Sweepstakes—Boar, any age, Van Patten on Van's Perfection. Sow, any age, Briggs & Son on Clay Center Belle.
Produce of sow—First, Briggs & Son; second, Manley & Co.; third, Roush.

CHESTER WHITE EXHIBITORS AND AWARDS.

CHESTER WHITE EXHIBITORS AND AWARDS.

W. M. Gilmore, Fairbury; W. W. Cornell, Pawnee City; Blodgett Bros., Beatrice; Vanderslice Bros., Cheney; Hardin Bros. Lima, Ohio.

Boar 2 years old—First, Blodgett Bros; second, Cornell; third, Hardin.

Boar 1 year old—First, Hardin; second, Vanderslice Bros.; third, Blodgett Bros.

Boar 6 months old, under 1 year—First and third, Hardin; second, Blodgett Bros.

Boar under 6 months old—First, Blodgett Bros.; second, Sidders; third, Hardin.

Sow 2 years or over—First and third, Blodgett Bros.; second, Hardin.

Sow 1 year old—First and third, Blodgett Bros.; second, Hardin.

Sow 6 months old—First, second, and third, Hardin.

Sow under 6 months old—First and second, Hardin; third, Cornell.

Herd—First, Blodgett Bros.; second, Hardin; third, Vanderslice Bros.

Boar and three sows under 1 year old—First, Hardin; second, Blodgett Bros.; third, Vanderslice Bros.

Produce of sow—First, Blodgett Bros.; second, Sidders; third, Vanderslice Bros.

Get of sire—First and second—Hardin; third, Blodgett Bros.

Sweepstakes—First, Hardin.

Sow any age—First, Blodgett Bros.

YORKSHIRES.

R. M. Wolcott, Archer, Neb., was the only exhibitor and won all the prizes of-fered—eight in number.

ESSEX.

H. W. Canzler, Malcom, Neb., won all prizes except second on aged boar and third on litter of pigs under 6 months old. These prizes went to L. E. Mahan, Malcom, Neb.

HORSE DEPARTMENT.

PERCHERONS AND FRENCH DRAFT EXHIBITORS AND AWARDS.

EXHIBITORS AND AWARDS.

R. L. Newton, Bennet; Watson, Woods Bros. & Kelley, Lincoln; Lincoln Importing Horse Company; John Dixon, Gretna; Martin Bros., Waverly; Mark M. Coad, Fremont; John Pavey, Stromsburg; Henry Cauley, DeWitt; J. E. Miller, Conway, Iowa; H. E. Peterson, Lyons.
Stallion, 4 years and over—First, Martin Bros., Waverly; second, Watson, Woods Bros. & Kelley; third, Lincoln Importing Horse Company.
Stallion, 3 years and under 4—First, Pavey; second, Coad; third, Cauley.
Stallion 2 years and under 3—First, Peterson; second, Coad; third, Miller.
Stallion, 1 year and under 2—First, Coad. Coit under 1 year—Second, Coad.
Mare, 4 years and over—First and second, Coad.
Mare, 4 years and under 4—First Coad.
Mare, 4 years and under 4—First Coad.
Mare, 4 years and under 4—First Coad.

Mare, 4 years and over—First and second, Coad.

Mare 3 years and under 4—First, Coad.

Mare, 2 years and under 3—First, Coad.

Four colts, get of one stallion—First,

Two colts are a second. Two colts, produce of one mare—Coad. Stallion over 1 year—Medal, Martin Bros. Mare, over 1 year—First, Coad.

CLYDE AND SHIRE EXHIBITORS AND AWARDS.

H. H. Burling, Cortland; Watson, Woods Bros. & Kelley, Lincoln; Weller & Deuser, Raymond; Lincoln Importing Horse Company; R. W. Wolcott, Archer; C. H. Beethe, Elk Creek; John Nuylon, Davey; D. O. Heffner, Omaha; J. E. Miller, Conway, Lowa; William Kerr, Lincoln; Jerry O'Brien, Friend; Thomas Andrews & Sons, Cambridge.

Stallion, 4 years and over—First, Watson, Woods Bros. & Kelley; second, Lincoln Importing Horse Company; third, J. E. Miller.

porting Horse Company; third, J. E. Miller.
Stallion, 3 years anad under 4—First, Watson, Woods Bros. & Kelley; second, J. E. Miller; third, William Kerr.
Stallion, 2 years and under 3—First and second, Watson, Woods Bros. & Kelley.
Colt under 1 year—First and second, R. M. Wolcott.
Mare 4 years and over—First and second, R. M. Wolcott.
Mare 3 years and under—First, R. M. Wolcott.

Wolcott. Mare, 2 years and under 3—First and second, R. M. Wolcott.

Two colts, produce of one mare—Medal, R. M. Wolcott.
Stallion over 1 year—Medal, Watson, Woods Bros. & Kelley.
Mare over 1 year—Medal, R. M. Wolcott. ENGLISH, FRENCH AND GERMAN COACH EXHIBITORS AND AWARDS.

Watson, Woods Bros. & Kelley, Lincoln; James Linginan, Sutton; Sanford Shirey, Pleasant Hill; Mark Coad, Fremont. Stallion 4 years and over—First, Sanford Shirey; second, Watson, Woods Bros. & Kelley.

Stallion, 3 years and under 4—First, Coad. Colt, either sex, under 1 year—Second, Coad. Coad. Mare, 4 years and over—First and second, Mare, 1 year and under 2—First, Coad.
Mare, 1 year and under 2—First, Coad.
Two colts, produce of one mare—Medal,

Coad. Stallion over 1 year-Medal, Sanford Shirey, CLEVELAND BAYS EXHIBITORS AND AWARDS.

O. P. Hendershot, Hebron; A. G. Collins, Hebron. Colt under 1 year—First premium and second money, Hendershot. second money, O. P. Hendershot.

# TOO MUCH SEWING

WOMEN SHOULD BE CAREFUL NOT TO OVERDO THEMSELVES.

The Experience of Mrs. Prazak, Wife of the Town Clerk of Millersville, Minnesota.

The woman with the responsibility of a house and family on her shoulders has always been given to overdoing herself. As a result almost every day we hear of one breaking down. Her nerves have given way or her strength has failed. Such was the experience of Mrs. Prazak, wife of J. M. Prazak, town clerk of Millersville, Douglas Co., Minn. She says: She says:

"I had been sewing a great deal and it was too much for me. Between that and my other household duties I began to be very nervous, I had no appetite and there was a feeling of heaviness around my heart, so bad at times that it seemed as if I couldn't get any air. I was so nervous always that any little thing would upper me. Nothing that tle thing would upset me. Nothing that I could do gave me any relief and it became so bad that I was obliged to neglect my housework. I had nervous prostration.

"Some time in March, after I had been suffering for several months I heard of Dr. Wiliams' Pink Pills for Pale People and began taking them. I felt a little better and that made me willing to give them a thorough trial. I took the pills regularly for two months and by that time my health was completely restored.

months and by that time my health was completely restored.

"I am glad of this chance to tell how easily and thoroughly I was cured by Pink Pills for Pale People. I keep them in the house all the time and strongly recommend them to all who are afflicted as I was."

The pills which cured Mrs. Prazak act directly on the blood and nerves and in that are different from any other medicine. They cure locomotor ataxia, partial paralysis, St. Vitus' dance, sciatica, neuralgia, rheumatism, nervous headache, after-effects of the grip, palpitation of the heart, pale and sallow complexions and all forms of weakness either in male or female. Dr. Williams' Pink Pills for Pale People are sold at all druggiists, or will be sent direct from Dr. Williams Medicine Co., Schenectady, N. Y., postpaid, on receipt of price, fifty cents per box; six boxes for two dollars and a half. Do not be deceived when a clerk tells you that he nas a blood and nerve pill "made from the same formula as Dr. Williams' Pink Pills for Pale People." He does not know what the formula is and he could not make the pills if he did. not know what the formula is and he could not make the pills if he did.

Mare, 4 years and over-First, Hender-shot; second, Collins.

GRADE DRAFT EXHIBITORS AND AWARDS,

Steve Maas, Roca; Weller & Deuser, Raymond; Ed. Barrett, Raymond; Martin Bros., Waverley; Vanderslice, Bros., Cheney

Gelding, 4 years and over—First premium, second money, Steve Maas.
Colt, under one year—First, Ed. Barrett; second, Weller & Deuser; third, Martin Bros.

Mare, 4 years and over—First, R. M. Wolcott; second, Vanderslice Bros.; third, Ed. Barrett.

Mare, 3 years and under 4-First, Steve Maas; second, Ed. Barrett. Mare. 2 years and under 3—First, Vander-slice Bros.; second, Ed. Barrett. Mare, 1 year and under 2—First, Vander-slice Bros.; second, Weller & Deuser; third, Ed. Barrett.

GRADE COACH EXHIBITORS AND AWARDS.

A. G. Collins, Hebron; O. P. Hendershot, Hebron; M. C. Hedgwood, Lincoln; D. Bruce Thorp, Lincoln; Sullivan Transfer Company, Lincoln; A. L. Sullivan, Lincoln; Alex. Franke, Walton. Gelding, 1 year and under 2-First, M. C. Heywood.

Colt, under 1 year—First, Sullivan Transportation Company; second, D. Bruce Thorp.
Mare, 4 years and over—First, A. L. Sullivan; second, Sullivan Transportation Company.

MULE AND ASS EXHIBITORS AND AWARDS.

R. L. Newton, Bennet; Frank Alldrit, Friend; H. H. Burling, Cortland; A. E. Hess & Son, Eagle; J. H. McAllister, Agee; Alex. F. Franke, Walton; Weller & Deuser, Raymond. Jack, four years and over-First, H. H. Burling; second, Frank Alldrit; third, H. Jack, four years and over—First, H. H. Burling; second, Frank Alldri; third, H. H. Burling.
Jack, 2 years and under 3—First and second, A. E. Hess & Son.
Jennet, 3 years and over—First, A. E. Hess & Son.
Mule, 1 year and under 2—First, Weller & Deuser.
Mule colt—First, H. H. Burling; second and third, Weller & Deuser.
Jack, any age—Sweepstakes, H. H. Burling. ing.
Jennet, any age-Medal, A. E. Hess &

Son.
Four mules, get of one jack-H. H. Burling, medal.

### Minnesota State Fair.

Last week the Minnesota State Agricultural Society held its forty-third annual fair at Hamline. It was one of the most successful from every point of view ever held on its magnificent fair grounds. The weather as well as the attendance was all that the management could desire, and exceeded their fondest anticipations. President C. N. Cosgrove and Secretary E. W. Randall deserve much credit for the great success of the event.

Col. W. M. Liggett, St. Anthony Park, was the able superintendent of the cattle demartment, which was the big feature of the live-stock display, especially in view of the fact that the National Hereford and Shorthorn Associations made this fair the first of a series of National events for these two breeds. In consequence, the display of both Shorthorns and Herefords was unusually large and fine.

The National breeders' combination sales were much better than ever before. The show of Galloway and Angus cattle was the best ever held at Hamilne. The numbers and high character of the display of beef cattle made this department the chief center of attraction in the live-stock arena. There was a very creditable display of dairy breeds of cattle, horses of all classes, sheep, and swine. The latter class, however, was the weakest feature of the livestock show, the white breeds predominating. N. H. Gentry, Sedalla, Mo., acted as exert judge of all breeds except Berkshires, none of which were on exhibition.

The Hereford sale held at Hamilne, September 2 and 3, was the second of the series of National sales, and was in some respects an improvement over that of last year. The first day's average was \$221 and the second day's \$220. The top of the sale was the cow Rosebud, consigned by J. C. Adams, Moweaqua, Ill., and purchased by R. A. Wilkinson, Crookston, Minn., for \$600.

The sale of Shorthorns was held on September 4, and was the first of a series of National sales planned by the American

C. Adams, Moweaqua, Ill., and purchased by R. A. Wilkinson, Crookston, Minn., for \$600.

The sale of Shorthorns was held on September 4, and was the first of a series of National sales planned by the American Shorthorn Breeders' Association. The average on forty-nine head was \$422.14.

Twenty-eight head of this number went to Minnesota buyers, and four to Dakota. The auctioneers were Colonels Woods, Edmonson, and Jones, assisted by Secretary Cowan. Some choice stock was contributed, and apparently they met with appreciation from the public. The first twelve head sold for an average of \$720. The first ten females made an average of \$675. The top of the sale for this number of cattle was Fearless Victor, calved October 28, 1901, and offered by N. A. Lind, Rolfe, Iowa, and was purchased for \$1,500 by John Lister, Conrad, Iowa. It is interesting to note that without any fitting, this young bull went into the senior bull calf class and was awarded fourth prize. The topnotcher female was Harding & Sons' Sappho, which went to C. C. Bigler & Son, Hartwick, Iowa, for \$1,000. The Shorthorn fraternity is jubilant over the result. The International Live-Stock Exposition survoiled stockmen's headquarters in the brown-colored tent erected and conducted under the management of the Union Stock Yards of Chicago. The mammoth picture that stood before it portrayed in a pictorial way something of the greatest market on the face of the earth, which attracted an interested number of exhibitors. In this way undoubtedly thousands of people were enabled to secure ideas of the magnitude of the Union Stock Yards at Chicago that would be impossible for them in any other way save by viewing the yards themselves. Messrs. Leonard, Skinner and Heide were present and shaking hands with all and making every stockman feel himself entirely at home.

ABERDEEN-ANGUS EXHIBITORS AND AWARDS.

C. H. Gardner, Blandinsville, Ill.; M. P. & S. E. Lant, Carlock, Ill.; J. O. Strubinger. Eldora, Iowa; A. C. Binnie, Alta, Iowa.

Judge-C. F. Curtiss.

Bull, 3 years old or over—First, C. H. Gardner; second, M. P. & S. E. Lantz. Bull, 2 years old and under 3—First, A. C. Binnie, Bull, 1 year and under 2—First, J. O. Strubinger; second, C. H. Gardner; third, A. C. Binnie.

Bull calf, under 1 year and over 4 months
—First, C. H. Gardner; second, A. C. Binnie; third, M. P. & S. E. Lantz; commended, J. O. Strubinger.
Cow, 3 years old or over—First, C. H.
Gardner; second, A. C. Binnie; third, M.
P. & S. E. Lantz; commended, J. O. Strubinger.

binger.

Helfer, 2 years old and under 3—First, C.
H. Gardner; second, A. C. Binnie; third and commended, M. P. & S. E. Lantz.
Helfer, 1 year old and under 2—First and third, C. H. Gardner; second, M. P. & S.
E. Lantz.

and commended, M. P. & S. E. Lantz.

Heifer, 1 year old and under 2-First and third, C. H. Gardner; second, M. P. & S. E. Lantz.

Heifer calf, under 1 year and over 4 months—First, A. C. Binnie; second and third, C. H. Gardner; commended, J. O. Strubinger.

Herd young cattle, to consist of one bull under 2 years, two females under 2 years old and over 1, two females under 1 year and over 4 months (females under 1 year sex—First, A. C. Binnie; second, C. H. Gardner; third, M. P. & S. E. Lantz.

Produce of one cow, two animals of either sex—First, C. H. Gardner; second, A. C. Binnie; third, J. O. Strubinger.

Herd of one bull, any age, one cow 3 years old or over, one cow 2 years old and under 2, and one heifer under 1 year—First, C. H. Gardner; second, A. C. Binnie; third, M. P. & S. E. Lantz.

Champion male, 2 years old or over—First, C. H. Gardner.

L. Gardner.

Junior champion female under 2 years old—First, J. O. Strubinger.

Junior champion female under two years old—First, A. C. Binnie.

GALLOWAY EXHIBITORS AND AWARDS.

C. N. Moody, Atlanta, Mo.: Brookside Company, Ft. Wayne, Ind.; E. H. White, Estherville, Iowa: C. E. Clarke, St. Cloud, Minn.

Judge—Prof. Thomas Shaw.
Bull, 3 years old or over—First, C. N.
Moody; second, E. H. White; third, C. E.
Clarke; commended, Brookside Farm Com-

third, Brookside Farm Company; second, C. N. Moody.

C. N. Moody.

Bull calf, under 1 year and over 4 months

First and second, Brookside Farm Company; third, C. N. Moody; commended, E.

H. White.

Cow, 3 years old or over—First, Brookside

Farm Company; second, E. H. White;

third, C. E. Clarke; commended, C. N.

Moody.

Farm Company; second, E. H. White; third, C. E. Clarke; commended, C. N. Moody.

Helfer, 2 years old and under 3-First and second. C. N. Moody; third, Brookside Farm Company; commended, C. E. Clarke. Helfer, 1 year old and under 2-First, Brookside Farm Company; second and third, C. N. Moody; commended, C. E. Clarke.

Helfer calf, under 1 year and over 4 months-First, E. H. White; second, C. E. Clarke; third, Brookside Farm Company; commended, C. N. Moody.

Herd young cattle, to consist of one bull under 2 years old, two females under 2 years old and over 4 months-First, Brookside Farm Company; second, C. N. Moody.

Get of one sire, four animals of either sex-First, Brookside Farm Company; second, C. N. Moody.

Produce of one cow, two animals of either sex-First, C. N. Moody; second, Brookside Farm Company.

Herd of one bull, any age, one cow 3 years old or over, one cow 2 years old and under 3, one cow or helfer 1 year old and under 2, and one helfer under 1 year old and under 2, and one helfer under 1 year old and under 2, and one helfer under 1 year old -First, Brookside Farm Company; second, C. N. Moody; third, C. E. Clarke; commended, E. H. White.

Champion male, 2 years old or over-First, C. N. Moody.

Champion female, 2 years old or over-First, Brookside Farm Company.

Junior champion female, under 2 years old -First, C. N. Moody.

Junior champion female, under 2 years—First, C. N. Moody.

HEREFORD EXHIBITORS AND AWARDS.

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HEREFORD EXHIBITORS AND AWARDS.

Jas. A. Funkhouser, Plattsburg, Mo.; O. Harris, Harris, Mo.; Thos. Kough, Taopi, Minn.; J. C. Adams, Moweaqua, Ill.; W. S. Vannatta & Son, Fowler, Ind.; Gudgell & Simpson, Independence, Mo.; C. A. Stannard, Emporia, Kans.; Geo. E. McEathron, Huron, S. D.; Geo. P. Henry, Goodenow, Ill.; Stewart & Hutcheon, Greenwood, Mo.; C. N. Moore, Lees Summit, Mo.

Judge-E. F. Taylor, Freemont, Mich. Bull, 3 years old or over-First, March On 6th (96537), owned by James A. Funkhouser; second, Beau Donald 5th (85142), owned by O. Harris; third, Marmaduke (9033), owned by W. S. Vannatta & Son; fourth, Premier (94208), owned by J. C. Adams; fifth, Gordon (82130), owned by Thomas Kough.

Bull, 2 years old and under 3-First, Prime Lad (108911), owned by George P. Henry; second, Martinet (109801), owned by Gudgelf & Simpson; third, Beaumont (134751), owned by Stewart & Hutcheon; fourth, March On 13th (106675), owned by Geo. E. McEathron.

Senior yearling bull-First, Bellsarius (126243), owned by Gudgelf & Simpson; second, Goodenough 3d (119334), owned by Stewart & Hutcheon; fourth, Perfection 3d (119850), owned by J. C. Adams; fifth, Onward (120463), owned by W. S. Vannatta & Son.

Senior bull calf-First, Rex Premier (145572), owned by Gudgell & Simpson; second

& Son,
Senior bull calf—First, Rex Premier (145572), owned by Gudgell & Simpson; second, Marie (139964), owned by Stewart & Hutcheon; third, Cyclone (140764), owned by O. Harris; fourth, Disturber (139989), owned by J. C. Adams; fifth, Producer (134691), owned O. Harris; sixth, Defender (134674), owned by O. Harris; seventh, Pretorian (143824), owned by Gudgell & Simpson.

Junior bull calf—First, Benjamin Wilton th (140761), owned by O. Harris; second, Onward 12th (140941), owned by James A. Funkhouser; third, Henry Irving (137720), owned by W. S. Vannatta & Son; fourth, Beau Dandy (145565), owned by Gudgell & Simpson; fifth, Rex Welcome (14573), owned by Gudgell & Simpson; sixth, Donald March On (137719), owned by W. S. Vannatta & Son.

Son.

Cow, 3 years old or over—First, Russet (73664), owned by O. Harris; second, Modesty (97971), owned by Gudgell & Simpson; third, Florence H. (78750), owned by James A. Funkhouser; fourth, Betty 2d (76805), owned by J. C. Adams; fifth, Mischance (71758), owned by Gudgell & Simpson; sixth, Lady Jane (96528), owned by W. S. Vanatta & Son. Lady Ja & Son.

Easy Jane (19022), owned by W. S. Vanatta & Son.

Cow or heifer, 2 years old and under 3—First, Queenly (108933), owned by W. S. Vanatta & Son; second, Miss Caprice (109725). owned by Gudgell & Simpson; third, Bouquet (105071), owned by James A. Funkhouser: fourth, Silver Cup (104716), owned by O. Harris; fifth, Silver Lining 5th (109726), owned by Gudgell & Simpson; sixth, Pretty Lady 25th (121411), owned by Gudgell & Simpson; sixth, Pretty Lady 25th (121411), owned by Gudgell & Simpson; seventh, Bright Duchess 32d (109733), owned by J. C. Adams.

Senior yearling helfer—First, Lucile 2d, owned by O. Harris; second, Miss Columbine, owned by W. S. Vanatta; third, Priscilla 5th, owned by Gudgell & Simpson; fourth, Modesty 3d, owned by Gudgell & Simpson; fifth, Lady Good Saxon, owned by O. Harris; sixth, Troublesome, owned by J. C. Adams; seventh, Elsie March On, owned by W. S. Vannatta & Son.

Junior yearling helfer—First, Romaine,

Get of one sire, four animals of either sex—First, A. C. Binnie; second, C. H. Gardner; third, M. P. & S. E. Lantz.

Produce of one cow, two animals of either sex—First, C. H. Gardner; second, A. C. Binnie; third, J. O. Strubinger.

Herd of one bull, any age, one cow years old or over, one cow 2 years old and under 2, and one heifer under 1 year old and under 2, and one heifer under 1 year.

First, C. H. Gardner; second, A. C. Binnie; third, M. P. & S. E. Lantz.

Champlon male, 2 years old or over—First, C. H. Gardner.

Champlon female, 2 years old or over—First, C. H. Gardner.

Champlon female, 2 years old or over—First, C. H. Gardner.

Galloway Exhibitors and Awards.

C. N. Moody, Atlanta, Mo.; Brookside Company, Ft. Wayne, Ind.; E. H. White, Estherville, Iowa: C. E. Clarke, St. Cloud, Minn.

Judge—Prof. Thomas Shaw.

Bull, 3 years old and under 3—First, E. Clarke; commended, Brookside Farm Company.

Bull, 2 years old and under 2—First and

# LIC SA

AT MY FARM, 5 MILES SOUTHEAST OF TOPEKA, 10 A. M.

SEPTEMBER 24, 1902

60 Pure-bred Poland-China Hogs. 25 Thoroughbred Jersey Ozttle, 15 Milk Oows and Helfers.

The hogs are of the Tecumseh, Wilkes, Chief of Models, Missouri Black Chief, etc. Most of the cows and heifers are bred for spring calves to Diploma's Mercury 39891, the finest bred Jersey bull in the State with a butter record behind him of 92 cows, 12 to 19 pounds of butter per week.

TERMS OF SALE—Cash; but purchasers from a distance will be allowed a rebate to cover expenses. Address,

COL. J. N. HARSHBERGER, Auctioneer. V. B. HOWEY, Topeka, Kansas. <del>00000000000000000000000000000</del>

You are invited to a Free Lunch at my farm, four miles north of Topeka, first farm south of Shawnee County Poor Farm, on

WEDNESDAY, OOTOBER 1, at 12 O'Olook, It being the occasion of my regular ANNUAL PUBLIC SALE of

# POLAND-CHINA SWINE

Buyers will find anything they want in this sale from 5 months to 2 years old, of the finest quality—prize-winners and descendants of the most noted State Fair winners known.

TERMS:—Bankable note at six per cent interest running six months, or five per cent discount for cash. Sums under \$15 net cash without discount. Bankable note is a note that some banker will

Sale will begin at 12.30; but come early. Inspect this offering of POLAND-CHINAS. It is the best I have been able to show you—and don't forget the LUNCH.
COL. M. T. CREWS & SON, Salesmen. H. W. OHENEY. in col. M. T. Chews & col., Children in Chews & child

third, Patience 3d, owned by O. Harris; fourth, Cassio 10th, owned by C. N. Moore; fifth, Disputant, owned by James A. Funkhouser; sixth, Patience 4th, owned by O. Harris.

bull-Prime Lad Senior sweepstakes, bull—Prime Lad owned by George P. Henry. Junior sweepstakes, bull—Bright Donald owned oy Gudgell & Simpson.

Senior sweepstakes, cow or heifer—Queen-ly, owned by W. S. Vannatta & Son.

Junior sweepstakes, heifer — Romaine, owned by James A. Funkhouser. Best bull, any age-Prime Lad, owned by George P. Henry.

Best cow or helfer, any age—Queenly owned by W. S. Vannatta & Son. owned by W. S. Vannatta & Son.

Aged herd—First, O. Harris, with herd consisting of Beau Donald 5th, Russet, Silver Cup, Lucile 2d, and Tess; second, Gudgell & Simpson, with herd consisting of Martinet, Modesty, Miss Caprice, Priscilla 5th, and Honora 5th; third, James A. Funkhouser, with herd consisting of March On 6th, Florence H., Bouquet, Romaine, and Velvet; fourth, J. C. Adams, with herd consisting of Premier, Betty 2d, Bright Duchess 32d, Troublesome, and Sister Perfection; fifth, W. S. Vannatta & Son, withherd consisting of Marmaduke, Lady Jane, Queenly, Miss Columbia, and Rosalie.

Two animals of either sex, produce of

Two animals of either sex, produce of one cow—First, J. C. Adams, on produce of Nellie May; second, Gudgell & Simpson, on produce of Pretty Lady 16th; third, Gudgell & Simpson, on produce of Mignonette; fourth, Stewart & Hutcheon, on produce of Margery; fifth, James A. Funkhouser, on produce of Oral.

houser, on produce of Oral.

Young herd, made up of animals shown in individual sections—First, Harris, on Good Enough 3d, Lucile 2d, Kassie 4th, Tess, and Amelia; second, Stewart & Hutcheon, on Acme, Madge, Queen C., Beau's Queen, and Gladys; third, Gudgell & Simpson, on Bright Donald, Modesty 3d, Priscilla 5th, Honora 5th, and Priscilla 7th; fourth, James A. Funkhouser, on Onward 12th, Roma, Romaine, Velvet, and Delta; fifth, Vannatta & Son, on Henry Irving, Miss Columbine, Elsie March On, Lady Jaqueline, and Rosalle.

Calf herd, made up from animals shown

Calf herd, made up from animals shown n individual sections—First, Stewart & Hutcheon, on Mario, Beau's Queen, Hand-Hutcheon, on Mario, Beau's Queen, Handsome, Gladys, and Hattie; second, Harris, on Cyclone, Tess, Amelia, Julia, and Minnehaha; third, Gudgell & Simpson, on Rex Premier, Dailsette 16th, Miss Catherine 2d, Honora 5th, and Priscilla 7th; fourth, Vannatta & Son, on Henry Irving, March Blossom, Lady Jaqueline, Rosalle, and Lenora. The merchants' hotel special, consisting of a silver service valued at \$200, offered to the best herd in the Hereford show, was won by Harris, with Good Enough 3d, Luclie 2d, Tess, Kassie 4th, and Amelia.

SHORTHORN EXHIBITORS AND AWARDS.

A. Alexander, Morning Sun, Iowa; E. W. Bowen, Delphi, Ind.; G. M. Casey, Clinton, Mo.; C. E. Clarke, St. Cloud, Minn.; Geo. Harding & Son, Waukesha, Wis.; C. F. Rice, Indianola, Ill.; T. J. Ryan & Son, Irving, Iowa; Browndale Farm, Minneapolis, Minn.; Geo. Bothwell, Nettleton, Mo.; T. J. Warnall & Son, Liberty, Mo.; Thompson Cattle Company, Minneapolis, Minn.; Wm. Smiley, Malcom, Iowa; W. D. Flatt, Hamilton, Ont.; N. A. Lynd, Rolfe, Iowa.

Judges-H. C. Duncan. Osborn, Mo.; James A. Funkhouser, Plattsburg, Mo.; W. G. Wood, Williamsport, Ohio. Bull, 3 years old or over-First, Choice

# FIRE HORSES WANTED.

Horses to fill following description: Geldings—color, chestnuts. bays. or browns; between 15% and 16% hands bigh; weight, 1,250 to 1,350 pounds; age, six or seven years. To be absolutely sound and true in harness. Address G. O. WILMARTH, Fire Marshal, Topeka, Kas

Goods (186202), owned by G. M. Casey; sec-Golden Victor (138972), owned by George Harding & Son; third, Speculator (158475), owned by W. D. Flatt; fourth, Ajax of Ciuny (175046), owned by C. E. Clarke; fifth, Jubilee Knight (131051), owned by Thompson Cattle Company.

Bull, 2 years old and under 3—First, Nonparell of Clover Blossom (153672), owned by T. J. Wornall & Son; third, Marmaduke (170510), owned by C. F. Rice; fourth, Pitlivie Merry Lad (79564), owned by C. E. Clarke; fifth, Lord Darnley (151011), owned by A. Alexander.

Senior yearling bull—First, Young Nomi-

Senior yearling bull—First, Young Nominee (168433), owned by Browndale Farm; second, Prince of Tebo Lawn (172599), owned by G. M. Casey.

by G. M. Casey.

Junior yearling bull—First, Ceremonious Archer (171479), owned by George Harding & Son; second, Nonparell Star, owned by George Bothwell; third, Pride of Meadow Lawn (169285), owned by C. E. Clarke; fourth, Magnet (188058), owned by E. W. Bowen; fifth, Favorite Bay (172967), owned by C. F. Rice; sixth, owned by George Bothwell.

Senior bull calf—First, Nonparell Comet, owned by George Bothwell; second, Ravenwood Admiration, owned by T. J. Wornall & Son; third, Victor Missie, owned by George Harding & Son; fourth, Fearless Victor, owned by N. A. Lynd; fifth, Nonparell Stamp, owned by George Bothwell; sixth, Expectation (178295), owned by T. J. Wornall & Son.

Junior bull calf—First, The Rustler

J. Wornall & Son.

Junior bull calf—First, The Rustler (186893), owned by G. M. Casey; second. Nonparell Choice, owned by George Bothwell; third, Meadow King, owned by George Harding & Son; fourth, Clover Bud, owned by George Bothwell; fifth, Royal Wonder (188110), owned by G. M. Casey; sixth, Flower King (186958), owned by C. F. Rice; seventh, Cruickshank's Model 2d, owned by L. W. Orr, Afton Minn.; eighth, Baron Gloster (185571), owned by A. Alexander.

Minn.; eignth, Baron Gloster (1856/1), owned by A. Alexander.

Cow, 3 years old or over—First, Ruberts, owned by G. M. Casey; second, Missie 165th, owned by E. W. Bowen; third, 55th Duchess of Gloster, owned by George Harding & Son; fourth, Stella, owned by E. W. Bowen; fifth, Josephine, owned by C. F. Rice; sixth, Princess Violet, owned by G. M. Casey; seventh, Welcome of Meadow Lawn, owned by C. E. Clarke; eighth, Geranium 2d, owned by A. Alexander.

Heifer, 2 years old and under 3—First, Clarisse, owned by G. M. Casey; second, Golden Fame's Belle, owned by George Harding & Son; third, Oneida, owned by E. W. Bowen; fourth, Lovely Maid, owned by C. E. Clarke; fifth, Nellie of Ellerslie, owned by G. M. Casey; sixth, Christmas Gift, owned by A. Alexander; seventh, Rosalle, owned by G. F. Rice; eighth, White Rose, owned by George Harding & Son.

Senior yearling heifer—First Oueen of

Son.

Senior yearling helfer—First, Queen of Beauty, owned by E. W. Bowen; second, Eeach, owned by Wornall & Son; third, Gloster Girl, owned by Harding & Son; fourth, Spice of Browndale 12th, owned by Browndale Farm; fifth, Lad's Goldie, owned by G. M. Casey; sixth, Orange Blossom of Fairview 3d, owned by C. E. Clarke; sev-

(Continued on page 901.)

### lowa's Greatest State Fair.

For the forty-eighth time have the peo-ple of Iowa gathered in their great an-nual school of instruction in agriculture the State Fair. Her place among the great agricultural and live-stock States is now no uncertain one, and her triumphs of the past were never better celebrated than has been done this year at her greatest of

Iowa is great as a State because of her natural resources; because of her people who develop them, and because of their methods in agriculture. Instead of confining themselves to one crop and then hauling that to market, these people have a great diversity of crops which they drive to market on the hoof

drive to market on the hoof.

Realizing that the best and surest success can only be attained by the aid of pure-bred live stock, the citizens of Iowa had the business judgment to see that a few thousands of dollars put into the es-tablishment and maintenance of a State fair would be the most profitable of investments, both in direct cash returns and in its vastly greater educational value. Hence it is that lowa to-day throws open her doors to welcome all who come to a fair which has not only returned \$15,000.00 in cash above all expenses this year, but which has brought together a most wonderful collection of pure-bred animals in this one great object-lesson. Four hun-dred head of pure-bred cattle, 1,700 head of swine, 500 head of sheep, and large numbers of draft and other horses, made up only a part of the fair, but it was that part on which the prosperity of the State

rests.

In the magnificent new live-stock pavilion was brought together the best exhibit of Shorthorn cattle that has been made in years. The Aberdeen-Angus breed made the greatest showing ever made at any State fair. The Galloway display was the best ever made in America, and the other breeds were most creditably repre-

'The cattle exhibit of the State "The cattle exhibit of the State Fair this year is one of the greatest exhibits of breeding cattle ever shown in this country," said Prof. C. F. Curtiss, of Ames. "It will unquestionably set the pace for this year." And this view expresses the sentiments of all who were present.

A good State fair is just as valuable to a contract the service of the

State in its way as is a State university, and we hope the very conspicuous success which has been attained by her sister States in this particular will inspire Kansas with a desire for emulation.

BREEDING-CATTLE DEPARTMENT.

Perhaps no finer exhibit of pure-bred cat the will be encountered at any State fair this season than was shown at the Iowa State Fair. It was phenomenal in quality and was made up of herds already winners at the Missouri State Fair and other State

The exhibits and awards are as follows: SHORTHORN EXHIBITORS AND AWARDS.

AWARDS.

G. M. Casey, Clinton, Mo.; Geo. Harding & Son, Waukesha, Wis.; C. F. Mitchell, Shenandoah, Iowa; C. W. McDermott, Anita, Iowa; T. J. Ryan & Son, Irwin, Iowa; John Cresswell, Hillsboro, Iowa; T. J. Wornall & Son, Liberty, Mo.; C. W. Bowen, Delhi, Ind.; Geo. E. Ward, Hawarden, Iowa; G. H. Burge, Mt. Vernon, Iowa; T. K. Tomson & Sons, Dover, Kans.; C. F. Rice, Indianola, Ill.; Wm. Smiley, Malcolm, Iowa; J. L. Baldwin, Osceola, Iowa; A. Alexander, Morning Sun, Iowa; C. W. Dawes, Harlan, Iowa; H. D. Parsons, Newton, Iowa.

lowa; C. W. Dawes, Harlan, Iowa; H. D. Parsons, Newton, Iowa.
Bull, 3 years or over—First, C. M. Casey; second, Geo. E. Ward: third Geo. Harding & Son; fourth, C. W. Bowen; fifth, T. J. Ryan & Son; sixth, C. F. Mitchell.
Bull, 2 years and under 3—First, Geo. Harding & Son; second, C. F. Rice; third, T. J. Wornall & Son; fourth, G. W. Mc-Dermott; fifth, C. W. Dawes; sixth, A. Alexander. Alexander.

Bull, 1 year and under 2—First, Geo. Harding & Son; second, T. J. Ryan & Son; third, T. K. Tomson & Sons; fourth, C. W. Bowen; fifth, G. M. Casey; sixth, Geo. Ward.

Bull calf under 1 year—fifteen entries—First, H. D. Parsons; second T. J. Wornall & Son; third and fifth, G. H. Burge; fourth, T. K. Tomson & Sons; sixth, Geo. Ward.

Prizes were granted for an Iowa class in the Shorthorn bull calves. First—H. D. Parsons; second, third, and fifth, G. H. Burge; fourth, Geo. E. Ward; sixth, C. F.

Cow, 3 years and over-First and sixth, G. M. Casey; second and fifth, C. W. Bowen; third, C. F. Rice; fourth, Geo. Harding & Son. Iowa class—First, T. J. Ryan & Son; second and fifth, A. Alexandra, C. W. December 1988, der; third and fourth, C. W. Dawes; sixth, C. F. Mitchell.

C. F. Mitchell.

Heifer, 2 years and under 3-First and fifth, Geo. Harding & Son; second C. W. Bowen; third and sixth, G. M. Casey; fourth, A. Alexander. Iowa class-First and third, A. Alexander; second, T. J. Ryan & Son; fourth and fifth, C. W. Dawes; sixth, C. W. McDermott.

Heifer, 1 year and under 2-twenty-one entries-First, C. W. Bowen; second, Geo. Harding & Son; third, G. M. Casey; fourth, fifth, and sixth, T. J. Wornall & Son. Iowa class-First, A. Alexander; second and third, Geo. E. Ward; fourth, T. J. Ryan & Son; fifth, C. F. Mitchell; T. J. Ryan & Son; fifth, C. F. Mitchell; sixth, H. D. Parsons.

sixth, H. D. Parsons.

Helfer calf under 1 year—nineteen entries

—First and second, G. M. Casey; third, G.

H. Burge; fourth, T. J. Wornall & Son;
fifth and sixth, Geo. Harding & Son. Iowa
class—First, G. H. Buge; second and
sixth, C. F. Michell; third, Geo. E. Ward; fourth, T. J. Ryan & Son; sixth, A. Alex-

Exhibitors' herd—nine entries—First, G. M. Casey; second, Geo. E. Harding & Son; third, C. W. Bowen; fourth, A. Alexander; fifth, C. F. Rice; sixth, T. J. Ryan & Son. Iowa class—First, A. Alexander; second, T. J. Ryan & Son; third, C. W. Dawes; fourth, C. W. McDermott.

Breeders' young herd—First, Geo. Harding & Son; second, T. K. Tomson & Sons; third, T. J. Wornall & Son; fourth, H. D. Parsons; fifth, C. F. Rice; sixth, Geo. E. Ward. Iowa class—First, H. D. Parsons; second, Geo. E. Ward; third, C. F. Mitchell.

ell.
Get of sire—First, T. J. Wornall & Son; second, T. K. Tomson & Sons; third, Geo. Harding & Son; fourth, G. H. Burge; fifth, G. M. Casey; sixth, H. D. Parsons. Iowa class—First, G. H. Burge; second, H. D. Parsons; third, Geo. E. Ward; fourth, C. F. Mitchell.

Preduce of cow—First (190 Harding & Bredwe of cow—First (190 Harding & Bredwe)

fourth, C. F. Mitchell.

Produce of cow—First, Geo. Harding & Son; second and fifth, G. M. Casey; third, T. K. Tomson & Sons; fourth, G. H. Burge; sixth, C. F. Mitchell. Iowa class—First, G. H. Burge; second, C. F. Mitchell; third, C. W. McDermott.

Sweepstakes bull—G. M. Casey.

Sweepstakes cow—G. M. Casey.

# HEREFORD EXHIBITORS AND AWARDS.

z. T. Kinsell, Mt. Ayr, Iowa; J. C. Adams, Mowequa, Ill.; J. W. Blackford, Hillsboro, Iowa; J. A. Funkhouser, Plattsburg, Mo.; C. T. Webb, Mt. Morris, Mo.; Geo. P. Henry, Goodenow, Ill.; F. A. Baylles, Guthrie Center, Iowa; Steward & Hutcheon, Greenwood, Iowa; W S. Vanatta & Son, Fowler, Ind.; C. N. Moore, Cameron, Mo. Cameron, Mo.

Bull, 3 years or over—First, J. E. Funk-houser; second, W. S. Vanatta & Son; third, J. C. Adams; fourth, F. A. Baylies; fifth, Z. T. Kinsell.

Bull, 2 years and under 3—First, Geo. P. Henry; second, Stewart & Hutcheon; third, Z. T. Kinsell.

Bull, 1 year and under 2—First, J. C. Adams; second, J. A. Funkhouser; third, Stewart & Hutcheon; fourth, W. S. Vanatta & Son; fifth, C. N. Moore; sixth, Z. T. Kinsell.

T. Kinsell.

Bull calf under 1 year—First, J. C. Adams; second and sixth, Stewart & Hutcheon; third, J. A. Funkhouser; fourth and fifth, W. S. Vanatta & Son.

Cow, 3 years or over—First, J. C. Adams; second, J. A. Funkhouser; third, W. S. Vanatta & Son; fourth, F. A. Baylles.

Heifer, 2 years and under 3—First, W. S. Vanatta & Son; second, J. A. Funkhouser; third, J. C. Adams; fourth, F. A. Baylles; fifth, Z. T. Kinsell.

Heifer, 1 year and under 2—twelve entries—First and third, J. A. Funkhouser; second, Stewart & Hutcheon; fourth, W.

tries—First and third, J. A. Funkhouser; second, Stewart & Hutcheon; fourth, S. Vanatta & Son; fifth, J. C. Adams; sixth, C. N. Moore.

Heifer calf, under 1 year—First, fifth, and sixth, Stewart & Hutcheon; second, J. C. Adams; third, W. S. Vanatta & Son; fourth, J. A. Funkhouser.

Exhibitors' herd—First, J. A. Funkhouser: second, J. C. Adams; third, W. S.

nouser; second, J. C. Adams; third, W. S. Vanatta & Son.

Breeders' young herd-First, Stewart & Hutcheon; second, J. A. Funkhouser; third, W. S. Vanatta & Son; fourth, Z. T.

Get of sire—First, J. A. Funkhouser; second and fourth, W. S. Vanatta & Son; third, Z. T. Kinsell.

Inird, Z. T. Kinsell.

Produce of cow—First and second, J. C.
Adams; third and fourth, Stewart &
Hutcheon; fifth, J. A. Funkhouser.

Sweepstakes bull—J. A. Funkhouser.

Sweepstakes cow—W. S. Vanatta & Son.

## ABERDEEN-ANGUS EXHIBITORS AND AWARDS.

AWARDS.

C. H. Gardner, Blandinville, Ill.; A. C. Bennie, Alta, Iowa; Baker & Smith, Mt. Vernon, Iowa; Hasman & Harmon, La Porte, Iowa; W. A. McHenry, Dennison, Iowa; Silas Igo, Palmyra, Iowa; J. C. Strubinge, Eldora, Ill.; O. J. Miller, Metz, Iowa; Raycroft Farm, Des Moines, Iowa; Hewitt Bros., Morning Sun, Iowa; Edwin Reynolds & Son, Prophetstown, Ill.; W. B. Seely, Mt. Pleasant, Iowa; M. P. and S. E. Lantz, Carlock, Ill.; Jas. Williams, Marcus, Iowa.

Bull, 3 years or over—First, by C. H.

Bull, 3 years or over—First, by C. H. Gardner; second, by W. A. McHenry; third, by Reynolds & Son; fourth by Lantz Bros.; fifth, by Hewitt Bros.; sixth, by George E. Williamson. Bull, 2 years and under 3—First, by A.

C. Binnie; second, by Reynolds & Son; third, by Williamson; fourth, by Baker & Smith; fifth, by W. B. Seeley.
Bull, 1 year and under 2—First, by Gard-

McHenry; fourth, by Binnie; fifth, by Williamson; sixth, by Seeley.

Bull calf, under 1 year—First, by McHenry; second, by Lantz Bros.; third, by Binnie; fourth, by Gardner; fifth, by Silas

Binnie; fourth, by Gardner; fifth, by Silas Igo; sixth, by Strubinger.

Cow, 3 years old and over—First, by Binnie; second, by Gardner; third, by McHenry; fourth, by Reynolds; fifth, by Binnie; sixth, by Seeley.

Helfer, 2 years old and under 3—First, by Gardner; second, by Binnie; third, by McHenry; fourth, by Reynolds; fifth, by Lantz Bros.; sixth, by Seeley.

Helfer, 1 year and under 2—First, by McHenry; second, by Gardner; third, by McHenry; fourth, by Binnie; fifth, by Reynolds; sixth, by Gardner.

Helfer calf, under 1 year—First, by Gardner; second, by Binnie; third, by Gerdner; second, by Binnie; fifth, by Reynolds; sixth, by Gardner.

Helfer calf, under 1 year—First, by Gardner; second, by Binnie; third, by McHenry; fourth, by Lantz Bros.; fifth, by McHenry;

fourth, by Lantz Bros.; fifth, by McHenry; sixth, by Reynolds. Exhibitors' herd-First, by Gardner; second, by Binnie; third, by McHenry fourth, by Reynolds; fifth, by Lantz Bros. sixth, by Williamson.

sixth, by Williamson.

This herd was headed by the 3-year-old bull Rosegay, for which Mr. Gardner re-



fused recently an offer of \$10,000. The first prize 3-year-old heifer Black Cap Judy, valued at \$6,300, was a member of this

Breeders' young herd-First, by Henry; second, by Gardner; third, by Bin-nie; fourth, by Williamson; fifth, by Rey-

nelds; sixth, by Seeley.
Get of sire—First, by Binnie; second, by Gardner; third, by Lantz Bros.; fourth, by Binnie; fifth, by Reynolds; sixth, by Seeley.

Produce of cow—First, by Binnie; second and third, by Gardner; fourth, by Strubinger; fifth, by Reynolds; sixth, by Williamson

Sweepstakes bull—C. H. Gardner. Sweepstakes cow—C. H. Gardner.

### GALLOWAY EXHIBITORS AND AWARDS.

C. B. Rowland, Rose Hill, Iowa; E. H. C. B. Rowland, Rose Hill, Iowa; E. H. White, Estherville, Iowa; C. N. Moody, Atlanta, Mo.; Brookside Farm Co., Ft. Wayne, Ind.; J. E. Bales & Son, Stockport, Iowa; C. H. Swigart, Champaign, Ill. Bull, 3 years or over—First, by E. H. White; second, by O. H. Sweigert; third, by C. N. Moody; fourth, by Brookside Farm Co.; fifth, by J. E. Bales.

Bull, 2 years and under 3—First, by A. Rowland & Son; second, by White.

Bull, 1 year and under 2—First, by Brookside Farm Co.; second, by Bales & Son; third, by C. N. Moody; fourth, by Brookside Farm Co.

Bull calf, under 1 year-First, by Brook side Farm Co.; second, by Sweigert; third, by Brookside Farm Co.; fourth, by Sweigert; fifth, by Moody; sixth by White.

Cow, 3 years or over—First, by White; second, by Brookside Farm Co.; third, by

same owner; fourth, by Sweigert; fifth, by Rowland; sixth, by Moody.

Rowland; sixth, by Moody.

Heifer, 2 years and under 3—First, by
Moody; second, by Sweigert; third, by
Rowland; fourth, by Sweigert; fifth, by
Brookside Farm Co.; sixth, by White.

Heifer, 1 year and under 2—First, by
Moody; second, by Moody; third by Brookside Farm Co.; fourth, by White; fifth, by
Sweigert; sixth, by Brookside Farm Co.

Heifer calf, under 1 year—First, by
White; second, by Brookside Farm Co.;
third, by Moody; fourth, by Sweigert;
iffth, by Sweigert; sixth, by Brookside
Farm Co.

Farm Co.
Exhibitors' herd—First, by White; second, by Moody; third, by Sweigert; fourth, by Brookside Farm Co.; fifth by Rowland.
Breeders' young herd—First, by Brookside Farm Co.; second, by Moody; third, by Sweigert; fourth, by White.
Get of sire—First, by Moody; second, by

Brookside Farm Co.; third, by Sweigert; fourth, by Rowland; fifth, by White.

Produce of cow-First, by Moody; second by White; third, by Brookside Farm Co.; fourth, by Rowland; fifth, by Sweigers.

Sweepstakes bull-E. H. White. Sweepstakes cow-C. N. Moody.

# RED POLLED EXHIBITORS AND

AWARDS.

J. J. Chambers, Sodorus, Ill.; G. W. Coleman, Webster City, Iowa; J. H. Crowder & Son, Bethany, Ill.

Bull, 3 years or over—First, by J. J. Chambers & Son; second, by James H. Crowder & Son; third, by G. W. Coleman.

Bull, 2 years and under 3—First, by Crowder & Son.

Bull, 1 year and under 3—First, by Crowder & Son.

Bull, 1 year and under 3-First, by Crowd-

er & Son; second, by Coleman; third, by Chambers; fourth, by Coleman.

Bull calf, under 1 year—First, by Crowder & Son; second, by Coleman; third, by Chambers; fourth, by Chambers; fifth, by

Coleman. Cow, 3 years or over—First, by Coleman; second, by Chambers; third, by Crowder & Son; fourth, by Crowder & Son; fifth, by Coleman.

Heifer, 2 years and under 3—First, by Crowder & Son; second, by Chambers; third, by Crowder & Son; fourth, by Chambers; fifth, by Coleman. Heifer, 1 year and under 2—First, by

Chambers; second, by Crowder & Son; third, by Crowder & Son; fourth, by Cole-man; fifth, by Chambers; sixth, by Cole-

Heifer calf, under 1 year-First fourth, by Chambers; second and sixth, by Crowder & Son; third and fifth by Cole-

Exhibitors' herd—First, J. J. Chambers; second and fourth, J. H. Crowder & Son; third, G. W. Coleman.

Breeders' young herd-First, J. H. Crowder & Son; second, J. J. Chambers; third, W. Coleman.

Get of sire-First, Crowder & Son; sec ond, J. J. Chambers; third, G. W. Cole-

Produce of cow-First and fourth, J. J. Chambers; second, third, and fifth, J. H. Crowder & Son.

Sweepstakes bull, any age-J. J. Cham-Sweepstakes cow, any age-J. J. Cham-

HOLSTEIN EXHIBITORS AND AWARDS.

W. B. Barney, Hampton, Iowa; M. E. (Continued on page 906.)

NO MONEY TILL CURED. 25 YEARS ESTABLISHED. We send FREE and postpaid a 200 page treatise on Piles, Fistula and Diseases of the Rectum; also 100 page illus. treatise on Diseases of Women. Of the thousand's curred by our mild method, none paid a cent till cured—we furnish their names on application. DRS. THORNTON & MINOR, 1007 Oak St., Kansas City, Mo.

# Seed (Beardless Winter) Wheat.

No old or run-out variety of seed-wheat, no beard or dust, to make life miserable. Easily harvested; It stands straight, easily shocked, nice bundles, easily stacked, straw from 3½ to 4 feet long; does not shell easily, has a rich, nice, plump berry, yields abundantly. My yield this year being 40 bushels per acre, no experiment, have raised this wheat for three years. Either Big Frame or Early May \$1.25 per bushel in strong grain sacks. F. O. B. Fremont. Write for samples.

J. M. MAHER, Fremont, Nebraska

# The Some Circles

### A MADRIGAL.

On a fair spring morning
Love rode down the lane,
Youth and Joy and eager Hope
Followed in his train;
All the primroses looked up
Such a sight to see—
Leaning from her lattice high
Mockingly sang she:
"Love that's born at springtide
Is too lightly won,
It will pass like silver dew
'Neath the midday sun."

All in glowing summer
Love went riding by,
Not a single downy cloud
Flecked the azure sky;
Generous roses o'er his path
Their sweet petals shed—
Lingering on the terraced walk
Wistfully she said:
"Love that burns so flercely
May have life as brief,
It will all be dead and cold
Ere the falling leaf."

Late in golden autumn
Love passed up the street,
When the reapers' sickles flash
Through the ripening wheat;
Russet leaves about his way
Fluttered in a cloud—
Half she stayed, then turned aside
With a gesture proud: Half she stayed, then turned
With a gesture proud:
"Love though late a-coming
Might be swift to go,
Flying as the swallows fly
From the early snow!"

Through the shivering forest
Swept the wintry blast,
Thundering o'er the frost-bound roads
Love came riding fast;
Snowflakes froze upon his beard,
Yonder lay the waste,
As he paused before her door
Like a man in haste:
Swift she ran to meet him,
"Love, forgive and stay,
Never any more, dear Heart,
Will I say thee nay!"
—Christian Burke, in the Argosy.

## Education in the Home.

BESSIE BOURNE, BEFORE KANSAS AGRICUL-TURAL COLLEGE.

Man is influenced by his environ-ments. He lives for himself in no re-Material and social surroundings affect his well being, developing the gifts bestowed upon him by nature either for good or for evil. He can not acquire a fortune in a desert or even in a fruitful land if he lives alone, nor can he as an isolated human being ever attain great heights of moral excel-lence. Throw temptation in his way, surround him with the influences that require resistance and he who overcomes all obstacles and rises above them will show his strength of character, and will earn the respect of his fellow men. Take the red man from his home, place him in school, and he will soon take up the habit of the peo-ple with whom he associates. He is taught the ways of the white man. Let him return to his people after finishing his college education and usually he will go back to the blanket and the habits of his people. If by his efforts to improve he endeavors to apply higher education to the development of his race he will rise above ...e common level and pursue some useful occupation in life.

Where, you ask, does education begin? In the place we learn our first and most lasting impressions; the place we first begin to distinguish between right and wrong—the home. Ask the working man, the learned professor, or the ignorant child, ask the wanderer in for-eign lands, and their answer is that home is a place ruled by love where the wife or mother is the central and most important figure.

The word home suggests love, rest, liberty and permanency. There begins the education by which all that is pur-est and best within us is developed into nobler and higher life.

In the beginning of history the home was scarcely more than a dwelling place, a small kingdom where the husband and father was the chief ruler, and all others served him even if at a great sacrifice. The Chinese home is one of the earliest of which we have any record. There the education was of the most rudimentary character, attention being given only to the teaching of politeness and obedience. This the mother taught them and as a reward often had to sacrifice her girls to please her husband.

Almost the same conditions existed in India and Persia, the mother being loved and respected by the children, yet the father was ruler. In the time of the Jews we find the home relations much elevated, the husband and wife being equal, were companions and co-helpers in the education of their children. Although equal education was not permitted, yet the homes were far in advance of any others at that time, for no other race of people has given such careful home training to its chauren from the earliest times to the present.

dia. There seems to have been a grad-ual realization of the importance of home education, though at no time is it very marked. In no case was the education complete, but special attention was given to some one phase, and the result was abnormal education along

some lines, and ignorance along others.
It is less than a century since woman was admitted to the professions or any occupation except teaching, needle-work, keeping boarders, working in cot-ton mills, in book binderies, type-set-ting, and household services. But since the professions have been open to women more educational advantages have been furnished to prepare her for her duties; and in the home she has used this knowledge for herself and the training of the children given in her keeping, and home conditions have improved as broader education has been given her.

To-day only a very few professions are closed to women, and her ability to compete and cooperate with man in-creases her power and influence and proportionally increases her fitness to care for a home.

It can safely be said that very few of the present homes furnish the educational advantages and encouragements that they should in order to obtain the best results. Many parents are ignorant as regards books, others are mere book worms, but without experience, yet they attempt to make a home and to train up their children to be well-rounded men and women. Many have both book-learning and experience, and then from lack of principle make a

Judging the future by the past and present may we not expect that future generations will advance the home education as it has advanced in the past.

In all societies, professions, or occupations there is a standard of requirement for men who would gain a certain amount of knowledge and pass an ex-

amination or fill important positions.

But in the fundamental, the highest, occupation, that of home-building and home education, there has never been any standard of acquirement. The most ignorant and poor are just as eligible as the rich and educated. If men and women could be taught the rudiments of home-building and pass examinations showing their ability or knowledge to care for and train children, and their need of possessing prop erty to ensure education and other advantages, then would the general standard of our homes be raised, and the number of ignorant criminals, poor waifs, and beggars be decreased.

The horse is studied, sheltered, and fed with certain amounts and varieties of foods, given physical exercise every day, well-groomed, and given every possible attention that will make him more comfortable. Contrast these conditions with the conditions existing in many houses, for we can not call them homes, and we can but long for a higher enlightenment of the people that they may realize that human beings need more careful training than dumb beasts.
It is while the child is young that the

mind is most receptive and most easily moulded, and early influences and surroundings lay in foundation of the future minds and habits.

It is an acknowledged fact that mu sicians are the most sensitive of people and readily respond to their inner feelings or emotions. Many times a vio lent passion may be quieted by a soft piece of music, or the softer emotions may be aroused and a more sympathetic nature will result.

The power of music is at no time so effective on the individual as during the early life. Then the child's mind is plastic, and impressions are easily made. Usually the first impressions a child receives he will carry through life. If more pains could be taken in the home to arouse right feelings the race would in time become more sympathetic and more interested in the success and happiness of all.

Many professional and society men leave the care of their children entirely to the mother, thus overburdening her, and she becomes cross and peevish, and not a fit teacher for the child. Many society parents leave the entire care of their children to some disinterested person, while they enjoy themselves, satisfied in knowing that their children are simply clothed and fed No matter how faithful a nurse may be she can not have the same interest in the child that the faithful parent does and in very few cases are ideal results obtained.

The parents who cooperate in the education of their children, training them intellectually, morally, and physically, aiding them to form good habits Following the history of education in Egypt, Greece, and Rome, we find these countries in advance of China and Inideal and beloved by the child. Children

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are naturally imitative, and thinking the parents are perfect, pattern after them. Thus the child is a living commentary upon its parents as well as a good copy of them. The child readily discerns any discrepancy between the parents' teaching and example, be-tween their professions and actions. To give children good advice and a bad example is but beckoning them one way while you deliberately take them by the hand and lead them in the opposite direction,

Love is the basis of all good homes, and through it much may be accomplished. Without love there is no home
—a mere dwelling place.

As the mother studies each individ-

ual nature and characteristic of the little life entering that home, more care will be taken to refrain from the unkind and sharp reproving word which checks and withers the tenderest blos-som of the dearest love as the delicate leaves of the vine are withered by the frost. The caress and sympathy they crave no matter in what station of life, will be more freely bestowed, and the child early forms the habit of confiding in its parents, and will so continue to do just as long as the parents are free and sympathetic in return. Destroy this fellowship and the child will go to a friend for counsel instead of the father or mother.

Some parents complain because their children do not confide in them, but do the parents first confide in the child Do they place their trust in the child, and teach him to be true to that trust? The natural tendency of human beings is to give what they receive, and unless the child first receives how can he

Love is as necessary to the majority of children as the air they breathe, and if the parents' caress is denied them they will seek it elsewhere or perhaps

grow hard and cruel.

The child likes amusement and enjoyment, and if slight suggestions are made, will follow them, drawing upon his own resources, thus aiding in the development of all his faculties.

Many a parent thinks that when tho child enters the public school his work is at an end. Soon that same parent will see his mistake, and realize that Heavenly rest.

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he can do much to aid the teacher in the education, as well as in controlling the morals of that child. If the parents to educate the children to grapple with the problems of life, assuming all responsibility for them and shielding them from every care, they will not know how to do for themselves, and will become weaklings or worse.

If sons and daughters are taught that domestic happiness depends upon the moral, intellectual, and physical development as exemplified in our home life, they will invariably become good hus-bands and wives to bless and delight other homes, thus in turn sending the sunlight on its way to bless those that come after them.

Possibly the ideal standard of home will never be reached; but the tendency will be to create more perfect homes, and when woman realizes that she must lead in the work of home-building and home-education, and strive harder for the ideal home, then will the earthly home be the best representative of our

# The Houng Folks.

Conducted by Ruth Cowgill.

THE CHARGE OF THE LIGHT BRI-GADE.

Half a league, half a league, Half a league onward, All in the valley of Death Rode the six hundred. "Forward the Light Brigade! "Charge for the guns!" he said: Into the valley of Death Rode the six hundred.

"Forward, the Light Brigade!"
Was there a man dismay'd?
Not tho' the soldier knew
Some one had blunder'd:
Theirs not to make reply,
Theirs not to reason why,
Theirs but to do and die,
Into the valley of Death
Rode the six hundred.

Cannon to the right of them,
Cannon to the left of them,
Cannon in front of them
Volley'd and thunder'd.
Stormed at with shot and shell,
Boldly they rode and well,
Into the jaws of Death,
Into the mouth of Hell
Rode the six hundred.
—Tenny -Tennyson.

Indian Summer.

Miss Lindy had left the springtime of her life far behind—you could tell that by the primness of her dainty ways and the tranquility in her clear near-sighted eyes. That early time, with its April tears and May sunshine, awakened only a gentle smile in re-membrance, and the tragic sorrow that had followed it, called forth as gentle a sigh. In the peaceful solitude of her present existence all those past experiences were as dreams or as the shadows and lights in an old picture.

Yet lately, Miss Lindy had seemed to be blossoming into a new beauty. To-night the faded pink in her cheek was glowing into a delicate pastel rose; she had discarded her spectacles and loosened the shiny strands of her hair and a knot of dusky ribbon reposed in its bright waves.

"Mother, are you almost ready?" called Miss Lindy at the foot of the stairs. "Here's father with the

Law, Lindy, anybody would think you was a child goin' to your first cir-cus," remarked her mother, panting with the exertion of hurrying her cumbrous body into its holiday clothing.

brous body into its holiday clothing.

They went out into the mellow autumnal sunshine, locking the door behind them. The old man sitting in the wagon in an attitude of patient waiting, called querulously, "You women folks is always behind." They climbed in and rattled away.

"Lindy," said her father, turning suddenly to her, "where's that there young feller to-night that's been comin' around so frequent?" To him Lindy was a child and the elderly widower who had been lately so attentive was a "young feller."

"Oh—perhaps he has gone to the circus." She spoke sedately.

s." She spoke sedately.
"P'r'aps you'll see him there," sug-

gested her mother.

"Oh no," murmured Miss Lindy, confused at hearing her own vague wish put into words.

wish put into words.

"I tell you, Lindy, I don't want none of your city dudes galivantin' around. When you marry you'll marry a man with a farm," went on the querulous old voice of her father. "I ain't never had no kind of use for that city feller for all his fine clo'es and highty-tighty ways."

The weak old voice grumbled on and on, but Miss Lindy did not deign to answer. She sat dreamily gazing over the horses' ears, while her mother put in a word now and then, which, while meant to sooth his wrath, only served

to keep him going. At last they reached the town with its crowds of people all hurrying in one direction, toward the huge tent that lay white and gleaming just a little off the main street.

"Wait a minute here-Lindy, you hold the lines-I'm goin' in here a minute," and the father climbed painfully down and hobbled into a store.

Miss Lindy and her mother sat watch

ing the people as they passed, bowing to many, for they were old settlers and knew many people from far and near.
Suddenly Miss Lindy, whose eye had
been wistfully—almost expectantly looking down the street, started and stared with blanching cheek and horror-filled eye; then in a twinkling, she gathered up the lines and gave the startled and unaccustomed horses a charm out with the whin and went dash. sharp cut with the whip and went dash People looked ing down a side street. after them in amazement, almost fearing a runaway, and Lindy's mother screamed. But Miss Lindy drove on

"Lindy, Lindy, are you crazy?" gasped her mother when she had re-covered her breath, "go right back after your paw."

Miss Lindy's face was set hard and white, but she turned without a word and drove back. Her father was wait-ing, peering in puzzled fashion down the street. He was distinctly ruffled by the departure of his wagon and showed the departure of his wagon and showed it by his irritable scolding as he laboriously got in. But to all his talk Miss Lindy answered not a word but sat bolt upright, pale and cold, only looking furtively up and down the street now and then, fearing to see a reeling figure, familiar even in its shameful drunkenness.

After the show had dragged out its

After the show had dragged out its weary length and they were on their way home through the white noonlight Miss Lindy dropped her head in her mother's lap and sobbed, "Oh, mother, mother! I think my heart will break."

Perhaps the mother had seen the staggering man and guessed who it was, perhaps the mother-instinct divined the impulse to hide a lover's shame, or perhaps, in the duliness of old age she did not hear the grief in that heartbroken cry. However it was she asked no questions, but patting the shaking shoulders pitifully, said it was a tiresome circus and too late for young people to be out.

people to be out.

Lindy appeared next morning, hollow-eyed and pale, all the brightness gone from her face and her hair combed primly back. She dragged through one weary day, and another, and then he came. He found her in her garden with the flowers she loved. He greeke to her with gentle saddess. spoke to her with gentle sadness.

"I saw you flying from me on the street that night and I—know that you despise me.'

"I do despise you," she agreed, list-lessly, without anger or bitterness. He stopped a moment and looked at

her standing there so changed, so old. "I have nothing to say in excuse—it is an old folly of mine to think I could reform. I thought with the love of you in my heart I should never fall into the old sin again."

For the first time a little flicker of in-

terest showed itself in her face. "Yes, if you had loved me—" she began. Then she stopped. She was a proud woman, and reserved, and it was not easy for her to speak her thought.

She raised her head and looked into that other face, and the mingled pas-sion and sadness that she saw there filled her eyes with tears and brought

a faint flush to her cheek.
"We would best say goodby, I think,"
she spoke timidly and held out her
hand to him. He stooped with an oldfashioned courtliness, and kissed the small worn fingers, then turned on his heel without a word, and left her there among the chrysanthemums and holly-hocks. The last faint delicate glow of an autumn sunset was fading from the west and the stillness of the twilight lay upon the earth. It was the close of Miss Lindy's Indian summer.

> An Old-Time Sun Dance. CLARA CEDAR TREE.

The following description, from the Indian Leader, is especially interesting because it is written by an Indian maiden:

It has been several years since I have seen this dance. I do not know whether I can describe it or not.

At the old-time sun dance was where they worshiped the sun. The ceremo-nies last about a week. A circular arbor about fifteen feet in diameter was built by setting about fifteen cotton-wood forks in the ground. These were twelve feet high and each supported one end of a pole laid from the outside inward to a large center fork, seven-teen feet to the fork, where was placed a bunch of willows, a buffalo skin, and some other little articles. The arbor which could have been built by three men in a day, was about four days in building. The cutting and hauling of each stick was performed by many ceremonies and much parading back and forth was done.

When they got one stick a large crowd would march back and forth to the woods, some men beating a drum. There is also singing and shouting done.

At this dance the people are supposed to wear their very best clothing.

The dancers are not allowed to ext or drink for about four days and nights. The dance itself consisted of standing on a bunch of sage brush that is placed around on the side of the arbor. The dance seems to be a jumping motion, never leaving the place where they first stood. Each man has a whistle in the mouth that is made of an eagle's wing. With each jump they blow the whistle.

"The Stretched Forefinger of all Time" is on the dial of an

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On the day of this dance the dancers and everybody face the sun just before it sets, for this is the last thing worshiped at this dance.

Dr. Nicholas Murray Butler, president of one of the greatest universities of the United States, has said something whose truth should both inspire the boy or girl whose opportunities for learning seem meager, and also startle the snob who thinks no one knows anything unless he be graduated from a coilege. For though it is true that college offers a golden opportunity that is of untold benefit, yet the five characteristics that Dr. Butler mentions as evidence of education are within the possibilities of the most ordinary youth who is possessed of pluck and perse-

verance. Mr. Butler says:
"These five characteristics, then, I offer as evidence of an education: Correctness and precision in the use of mother tongue; refined and gentle man-ners, which are the expression of fixed habits of thought and action; the power and habit of reflection; the power of growth and efficiency, or the power to do. On this plane the physicist may meet with the philologian and the naturalist with the philosopher, and each recognize the fact that his fellow is an educated man, though the range of their information is widely different and the centers of their highest interests are far apart. They are knit to-gether in a brotherhood by the close tie or those traits which have sprung out of the reaction of their minds and wills upon that which has fed them and brought them strength. Without these traits men are not truly educated, and their eruditions, however vast, is of no avail; it furnishes a museum, not a deavali; it rurnishes a museum, not a developed human being. It is these habits, of necessity made by ourselves alone, in the days of youth, and strengthened with maturer years and broader experience, that serve to show ourselves and to others that we have discovered the secret of gaining an education."

# **OUESTION BOX.**

QUESTION BOX, KANSAS FARMER:—
(1)—What is the correct pronuncia-

tion for Carnegie? (2)—Who is the "highway and byway preacher?"

(3)-What are ten leading committees of the Senate and House?
(4)—Who edits Christian Union? What is the publisher's address?

SADIE HAMILTON. Answers.—(1)—Carnegie, Car-nayaccent hard g.
(2)—We have delayed your questions

in the attempt to find the answer to this question. Accept our apologies that we are unable to answer it.

(3)—Ten leading committees both Senate and House are: On Elections; Ways and Means; Appropriations; Agriculture; Military Affairs; Naval Affairs; Public Lands; Railways and Canals; Education; Revision of the

-The Christian Union is now the Outlook, edited by Lyman Abbot. Un-denominational Christian magazine. Under its first name it was a weekly Christian newspaper, edited by Henry Ward Beecher.

"The noble deed, wrought often all unknown,—
The suffering borne without complaint or moan,—
The harsh word checked—the little kindness shown,
Are harp-strings to 'the song that has no sound.'"
—The song that has no sound.

# FOR THE LITTLE ONES

SLEEPY TIME.

The little mice just scamper round,
At Sleepy Time;
When they have so much fun and play
I wonder why they do that way—
At Sleepy Time?

I rock my kitty, Mistress Gray,
At Sleepy Time;
She gives my chin a tiny bite,
Her way of telling me "Good-night,"
At Sleepy Time.

I tuck my dollies up in bed,
At Sleepy Time;
Give each a kiss, and then I say;
"You've been dear children all the day
Till Sleepy Time."
—Augusta Harris, in Child Garden.

What the Baby Thinks.

Wonder what's that on my nose. Guess I'll knock it off. Dear me, what was that? Guess I missed it about a thousand miles. Now it's on my nose. Ketcheu! There it's gone. Wonder ketcheu! There it's gone. Wonder what did that? That's the funniest noise I make. Now I can see what it was—a horrid fly. There it comes back again. Oh dear! Wonder where's my mama! Wa! Wa! Here she comes running. Guess I'll get up. No, I don't want to put my dressy on. Oh, well. if it's the piggies, that's another well, if it's the piggies, that's another well, if it's the piggies, that's another thing. Here goes my hand—peek-aboo, mama. I was a good girl. Now, dinner. No, not after awhile, now! Now! Now! I don't want it heated or anything else. I'm hungry—guess it's about a million years since breakfast. Oh, here it comes. You, dear, beautiful bottle, come to baby. She'll hold you tight so she will. There sha'n't any big folks touch you. Oh dear, what a wee little bit there is left in here. a wee little bit there is left in here. Guess I'm through bein' hungry now anyhow. Good-by, bottle. Baby loves you better than anybody. Now for the green leaves. Yes, mama, right here on the floor and leave the door open. You pretty, bright, sparkling darlings, all dancing in the wind. What makes you I wonder. Do you want to come to me? Wait! I'll pull you off. Humph! Arms won't reach half that far. Never mind, 'm going to turn over now onto my face. You can't do that, can you, beautiful green leaves? It's nard even for me and I'm a real baby. Tug, tug, tug. There I go! How good this does feel. Wonder why my legs won't go. I know they would if I could just get hold of something. Tug, tug, tug. Down goes my nose into the comfort. Never mind. Tug, tug. I must have gone a mile by now I should think. Same old place. Dear! Dear! Mama! Here she comes. Yes—I'm ready to go rding. There's my buggy, hello, buggy. See me kick. Let's have good times, buggy Now my bonnet and my rug and my parasol. That's right! Oh what a dreadful bonnie! Now we're off. I could watch the trees and the sky and the clouds fine if only—if only I didn't get so sleepy. Eyes won't stay open. Guess I'll shut them just a minute for a rest. Wonder where we're going. Wonder what the kittie thinks about my going off. She said—oh, dear, she said—what did she say? And the baby was asleep.

Thank God for grass! No glory vies
With the refreshing glory of the grass;
Not e'en the blue of the o'er-bending skies,
Nor fading splendor when the daylight dies
Can this sweet smile of living green surpass.

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### Minnesota State Fair.

(Continued from page 897.) enth, Massa's Girl, owned by A. Alexander; eighth, Maid of Honor, owned by C. F. Rice.

enth, Massa's Girl, owned by A. Alexander: eighth, Maid of Honor, owned by C. F. Rice.

Junior yearling heifer—First, Spicy of Browndale, owned by Browndale Farm; second, Spicy Clara, owned by I. M. Forbes & Co.; third, Jennie June, owned by T. J. Wornall & Son; fifth, Sharon Lady, owned by T. J. Wornall & Son; fifth, Sharon Lady, owned by George Bothwell; sixth, Wild Scottish Rose, owned by George Bothwell; seventh, Carnation, owned by C. F. Rice; eighth, Anoka Village Gem, owned by Geo. Harding & Son.

Senior heifer calf—First, Rosemary of Browndale, owned by Browndale Farm; second, Sweet Violet 4th, owned by G. M. Casey; third, Breeder's Fame, owned by Geo. Bothwell; fourth, Runaway Girl, owned by G. M. Casey; fifth, Queen Louise, owned by T. J. Wornall & Son; sixth, Herdsman's Dream, owned by Geo. Bothwell; seventh, Lady Dorothea, owned by C. E. Clarke; eighth, Roseblush, owned by Harding & Son.

Junior heifer calf—First, Nellie of Meadow Lawn, owned by C. E. Clarke; second, Spicy of Browndale 14th, owned by Growndale Farm; third, Rubertress, owned by G. M. Casey; fourth, Princess Maud 6th, owned by Geo. Harding & Son; fifth, Clover Blossom Beauty, owned by Geo. Bothwell; sixth, Purity, owned by Geo. Bothwell; sixth, Purity, owned by Geo. Bothwell; seventh, Welcome of Meadow Lawn 8th, owned by C. E. Clarke; eighth, Maid of Honor, owned by Geo. Harding & Son.

Senior sweepstakes, bull 2 years old or over—Won by Choice Goods, owned by G. M. Casey. Judges, Funkhouser and Duncan.

Junior sweepstakes, bull any age—Won by Choice Goods, owned by G. M. Casey. Judges, Funkhouser and Duncan.

Senior sweepstakes, bull any age—Won by Choice Goods, owned by G. M. Casey. Judges, Funkhouser and Duncan.

Junior sweepstakes, bull any age—Won by Choice Goods, owned by G. M. Casey. Judges, Funkhouser and Duncan.

Junior sweepstakes—Won by Queen of Beauty, owned by E. W. Bowen. Judges,

by Choice Goods, owned by G. M. Casey, Judges, Funkhouser and Duncan.
Senior sweepstakes, cow or helfer 2 years old or over—Won by Ruberta, owned by G. M. Casey. Judges, Funkhouser and Duncan.
Junior sweepstakes—Won by Queen of Beauty, owned by E. W. Bowen. Judges, Wood and Funkhouser.
Grand sweepstakes, best cow or helfer, any age—Won by Ruberta, owned by G. M. Casey. Judges, Wood and Duncan.
Aged herd—First, won by G. M. Casey, with herd consisting of Choice Goods, Ruberta, Clarissa, Lad's Goldle, and Sweet Violet 4th; second, won by Geo. Harding & Son, with herd consisting of Nonparell of Clover Blossom, 55th Duchess of Gloster, Golden Fame's Belle, Gloster Girl, and Princess Maud 4th; third, won by E. W. Bowen, with herd consisting of Speculator, Oneida, Missie 165th, Queen of Beauty, and Lad's Bracelet; fourth, won by C. E. Clarke, with herd consisting of Ajax of Cluny, Welcome of Meadow Lawn; fifth, won by C. F. Rice, with herd consisting of Marmaduke 2d, Josephine, Rosalle, Maid of Honor, and Lady Blanche; Sixth, won by A. Alexander, with herd consisting of Marmaduke 2d, Josephine, Rosalle, Maid of Honor, and Lady Blanche; Sixth, won by A. Alexander, with herd consisting of Browndale 12th, Spicy of Browndale 12th, Spicy of Browndale 12th, Spicy of Browndale 18th, Spicy of Browndale 18th, Spicy of Browndale 3th; Second, T. J. Wornall & Son, with herd consisting of Ravenswood, Admiration, Peach, Jennie June, Queen Louise, and Belle McWilliams; third, Geo. Harding & Son, with herd consisting of Ravenswood, Admiration, Peach, Jennie June, Queen Louise, and Belle McWilliams; third, Geo. Harding & Son, with herd consisting of Royal Wonder, Fashion of Meadow King, Waterloo of Anoka, Strathallan of Anoka, Maid of Honor, and Princess Maud 4th; fourth, George Bothwell, with herd consisting of Nonparell Comet, Sharon Lady, Wild Scottish Rose, Herdsman's Dream, and Breeder's Fame; second, George Harding & Son, with Rosebus and Rosalle, third, C. E. Clarke, with herd consisting of Ford Wild Brown and Princess Maud 6t

Rosebaie violet stit, intil, C. F. Rice, with Rosebaid and Rosaile, twin helfer calves, out of Snowball.

Four animals of either sex, the get of one sire—First, T. J. Wornall & Son, with group consisting of Valley Count, Peach, Jennie June, and Breeder's Delight, get of Lavender Viscount; second, George Bothwell, with group consisting of Nonpareil Comet, Herdsman's Dream, Nonpareil Star, and Breeder's Fame, get of Nonpareil Victor; third, George Harding & Son, with group consisting of Ceremonious Archer (71479). Maid of Honor, Princess Maud 4th, and Meadow King, get of Best of Archers; fourth, G. M. Casey, with group consisting of Prince of Tebo Lawn, Princess Violet, Mary of Ellerslie, and Nellie of Ellerslie, get of Alici's Prince; fifth, C. R. Rice, with group consisting of Josephine, Maid of Honor, Sweet Jessamine, and Lady Blanche, get of Chief Commander.

THE MERCHANTS' HOTEL SPECIAL.

# THE MERCHANTS' HOTEL SPECIAL

Young herd, under two years—Browndale Farm, by herd consisting of Young Nominee (168433), Spicy of Browndale 12th, Spicy of Browndale 13th, Rosemary of Browndale 8th, and Spicy of Browndale 14th.

# SHORTHORN FAT STOCK.

Pure-bred steer, spayed or martin heifer, under 1 year—First, Eli, owned by William Smiley, Malcolm, Iowa; second, General, owned by C. E. Clarke.
Sweepstakes, steer, spayed or martin heifer, any age—Eli, owned by William Smiley.

Smiley.
Steer or spayed heifer, 2 years old and under 3—First, Roan Consul, owned by William Smiley; second, Red Consul, owned by William Smiley.
Steer, spayed or martin helfer, under 1 year old—First, Major, owned by C. E. Clarke.

Sweepstakes—Steer, spayed or martin eifer, any age—Major, owned by C. E.

### Last Call for Finley Shorthorn Sale, Breckenridge, Mo.

Last Call for Finley Shorthorn Sale,
Breckenridge, Mo.

On Wednesday, Sept. 17, at Breckenridge,
Mo., is to occur a public sale of Shorthorn
cattle that will result in wiping out one
of the landmarks of the breed. Mr. J. F.
Finley has been breeding registered Shorthorn cattle on Crystal Springs Farm for
thirty-five years without a break. It is a
graceful and appropriate thing to do on his
part, at the close of a long and most successful career to invite his old associates,
and newer friends as well (all friends of
the breed are his friends), to come together
at the old farm and join in all-day friendily scramble for the 100 head of Shorthorn
cattle (seventy lots-thirty calves at foot
of dam) that are to be unloaded on this
cocasion. We have already pretty adequately set forth this fine and numerous
offering in its true light. We have striven
to impress the importance of the thirty
calves at foot of dam as arguing the
straightforward producing qualities of the
herd. This circumstance should not for a
moment escape the attention of good practical cattlemen everywhere. Practically
speaking, it is a herd of cattle bred on the
farm, generation after generation, the best
being retained for home use, the result beling the survival of the fittest on the Finley farm. It is no wonder that the thirtyfive years of effort should produce something out of the ordinary course of things.
If Mr. Finley's thirty-five years of breeding Shorthorn cattle at one stand had been
mapped out for him by an expert in the
development of true Shorthorn character,
as well as all those elements that tend to
strengthen and build up the economical
and practical sides of beef making, we are
free to say that his course could not have
been better ordered. Originally he bred the
best type of Bates Shorthorn known to
the world. Having reached a high level
with this type he began some years ago
to top out this line of breeding with the
best Crulckshank blood. The result was to
put new vitality into his herd. The prolineacy of the h

## Gossip About Stock.

Hon. W. J. Bryan bought Lady Hesiod 126200, a Funkhouser-bred cow, at the sale of Hereford cattle held on the fair grounds at Lincoln, Neb., for which he paid \$200.

Very many of our readers will be interested in the public sale announcement on page 914 by Geo. Groemiller & Son, of Centropolis, Franklin County, Kans., a leading breeder of Red Polled cattle, Cotswold sheep, and poultry.

M. C. Vansell, Muscotah, Kans., writes us that his next public sale of Poland-China swine and Shorthorn bull calves will be held at his farm near Muscotah, Atchi-son County, on October 7, 1902. Watch for further announcements in the Kansas Far-

It is a noticeable and complimentary fact that the winner of first prize in the Percheron 4-year-old stallion class at the Nebraska State Fair, and also the winner of first in 3-year-old class last year, was imported by the Lincoln Importing Horse Company, Lincoln, Neb.

H. W. Cheney, of North Topeka, Kans., advertises a public sale of Poland-China swine to be held at his farm four miles north of Topeka on Wednesday, Oct. 1, at 12 o'clock. Every bree.er of Poland-Chinas is invited to his famous free lunch on that date. Mr. Cheney says: "Buyers will find anything they want in this sale, from 5 months old to 2 years old, of the finest quality—prize-winners and descendants of the most noted State fair winners known."

Breeding swine of all the pure breeds is in great demand this fall, and notably the Duroc-Jersey swine, such as are bred at the Rockdale stock farm of J. F. Chandler, of Frankfort, Kans., who has a new an-

ber of milk cows and heifers. While the terms are cash, he makes the remakable concession of a rebate to purchasers with which to cover their traveling expenses. This is a sale that will be worth attending.

Intending purchasers of the popular breed of Duroc-Jersey swine will have a splendid opportunity to buy pigs at the public sale of Newton Bros., of Whiting, Kans., as per announcement on page 914 this week. of this offering Newton Bros. say: "We consider it the best lot of swine we ever had the pleasure to offer the public, in point of blood lines color, and general make up. Besides every animal being a good one this draft contains quite a number of natural-born show animals. And to say the least we are confident that in this sale will go the most useful lot of hogs ever sold under the hammer in Kansas. Write for catalogue and descriptions to Newton Bros., Whiting, Kans."

The combination sale of Hereford cattle held on the State Fair grounds at Lincoln. Neb., drew a large crowd of people and the sale was fairly satisfactory. The fifty animals sold at an average of \$162 each. The fifteen bulls averaged \$147 and the thirty-five cows \$171. The contributors to the sale were the Stanton Breeding Farm, Madison, Neb.; C. G. Comstock & Co., Albany, Mo.; Lowell, Barroll & DeWitt, Denver, Col.; L. L. Young, Oakland, Neb.; and W. N. Rogers, Craig, Neb. The tops of the sale were Gold Dust 129015, who brought \$395, and Mattie 101719, who brought the same price. Both these animals were contributed by the Stanton Breeding Farm.

Snyder Bros., breeders of Poland-China hogs, registered horses and Polled Shorthorn cattle, Winfield, Kans.. write us that they have had excellent sales from their herd of Poland-Chinas They still have a nice lot of choice winter and spring, pigs on hand and for sale, most of which are sired by the international prize-winning boar, Broad Gauge Chief, and by the Missouri State Fair winner, Simply O. K. These young hogs are of both sexes, and are of the best breeding possible to obtain. The Snyder Bros. plan to have a bunch of hogs at the Exposition at Topeka, and from there they expect to go to the Colorado State Fair at Pueblo. We predict a string of blue ribbons for them from both these places.

One of the herds of Chester White swine, which has attracted most attention at the great fairs so far held this year, is the prize-winning herd of Blodgett Bros., of Beatrice, Neb. This herd is headed by the sweepstakes boar of 1901, Perfection 11705, and by Pan-America 11943, who won the first prize at the New York and Michigan State Fairs and first in class at the Pan-American. This herd was the champion of the great Nebraska State Fair held last week, and swine-raisers who are anxious to see the best that grows in this breed will have an opportunity this week at the Exposition at Topeka. This breed is rapidly growing in popularity on account of its productiveness, early maturity, and easy feeding qualities, and it is well worth a trip to the fair grounds to see what has been done in the development of the Chester Whites.

Mr. S. Y. Thornton, of Blackwater, Mo., who probably owns the largest herd of Duroc-Jersey hogs in his State, has adopted a somewhat novel method of handling his hogs, which has many things to commend it. He has divided his herd into three parts and separated these by one-half mile distance in the belief that they do better in lots of fifty or sixty head than where they are more crowded. As a proof of the success of this treatment, his March gilts now weigh 175 pounds without fat, but in good thriving condition. It will be remembered that Mr. Thornton was the fortunate purchaser of the first prize-winning pig at the Missouri State Fair, for which he paid \$108\$. This, with his other prize-winning boars, will be used to head his herd. He has a number of choice bred gilts and yearling sows yet for sale of this prize-winning stock, and with the immense corn crop which they are now beginning to harvest in his State, buyers can feel assured that these animals will be delivered in excellent condition.

Perhaps there is no young business man in the whole of southern Kansas who has grown so rapidly in popularity as has Col. Lafe Burger, the live-stock auctioneer of Wellington, Kans. He is kept constantly on the jump handling sales of pure-bred stock to the satisfaction of his customers and the buyers. He is an energetic man, who begins working in the interests of his patrons from the time he is employed and who never lets up until the last animal is sold. Whether placed in the box or in the ring he has a pleasant way about him which makes him a great getter of bids. In writing us to change his advertisement he states that his hands are full of business though he could possibly arrange to fill a fow more dates should any one desiring his services write him at once. He has dates booked well into 1903 for pure-bred stock sales to be held in all parts of the country. He is one of the men who gets there and those desiring the services of an efficient man should consult his advertising card and write him at once.

Rockdale stock farm of J. F. Chandler, of Frankfort, Kans., who has a new announcement on page 903 this week. He has ninety choice selected spring pigs, both gilts and males, the get of such noted herd boars as Roycroft Prince 12413, Chancellor 10417, and Niles' Model 12415. Intending purchasers should send in early orders in order to get the best.

McLaughlin Bros., of Columbus, Ohio, and Kansas City, Mo., have made a very successful exhibition of Percheron and French Coach stallions, consisting of horses of their last importation from France. At the Iowa State Fair their horses won nineteen first orizes and sweepstakes and at the Ohio State Fair their Percheron stallions won every first, second and third prize, winning in all every prize that it was possible to win. The success was the same with their French Coach stallions.

V. B. Howey will hold a sale of Poland-Chinas sontain the blood of Tecumseh, Wilkes, Missouri Black Chief, etc., and as he is a good feeder, this will be undoubtedly an excellent place to buy swine. He will offer sixty Poland-China hogs of all ages and about twenty-five thoroughbred Jersey cattle, with a numerical processing the processing the processing the strange of the processing the proce

# THE SURGEON'S KNIFE

May Be Avoided.

"DEAR MRS. PINKHAM: - I suffered with inflammation of the ovaries and womb for over six years, enduring aches and pains which none can dream of but those who have had the same expe-



MRS. ECKIS STEVENSON.

rience. Hundreds of dollars went to the doctor and the druggist. I was simply a walking medicine chest and a physical wreck. My sister residing in Ohio wrote me that she had been cured of womb trouble by using Lydia E. Pinkham's Vegetable Compound, and advised me to try it. I then discontinued all other medicines and gave your Vegetable Compound a thorough trial. Within four weeks nearly all pain had left me; I rarely had headaches, and my nerves were in a much better condition, and I was cured in three months, and this avoided a terrible surgical operation."—Mrs. rience. Hundreds of dollars went to the a terrible surgical operation."—Mrs. Eckis Stevenson, 250 So. State St., Salt Lake City, Utah.—\$5000 forfeit if above testimonial is not genuine.

Remember every woman is cordially invited to write to Mrs. Pinkham if there is anything about her symptoms she does not understand. Mrs. Pinkham's address is Lynn, Mass.

# Free Catalogue

Century Steel Range, No. 80-A-18 Century Steel Range, No. 80-A-18

Has six 8-inch lids, oven 17x21x12, splendid reservoir and warming closet; lined throughout with asbestos, burns anything, best bakers and roasters on Earth. Guaranteed 10 years. Weight 475 lbs. Only \$22.90. Terms \$8.00 cash, balance payable \$3.00 a month, no interest. Shipped immediately on receipt of \$6.00 cash payment. We trust honest people located in all parts of the World. Cash discount \$1.50 on Range. Freight averages \$1.25 for each 600 miles. Send for free catalogue, but this is the greatest bargain ever offered. We refer to Southern Illinois National Bank.

CENTURY - MANUFACTURING - CO. Dept. 73 K East St. Louis, 16

# Do You Want a Genuine Bargain

inew FROM Uprights low sidul New Up4135, and 4165, Afric
4136 and 4165, Afric
fully equal to many
analyments accepted. Freight only about

ing had no shelter in winter and practically no grain. Their rustling qualities are fully developed and although in moderate flesh are of low, chunky build, and of the 'easy-beef' type I will also sell the 3-year-old herd bull 'Constantine' 102183. He is on the low, massive type, and possessed, as will be seen, of the best of breeding. Also the 2-year-old herd bull 'General Funston' 108189, out of the cow Hortense 67934. General Funston's sire is Archibald Mc 60922, a bull strong in the blood of the Grove 3d and Anxiety 4th, and running back through the great Archibald to Rose Stock and Lord Wilton."

One of the largest sheep-breeding establishments in the West is that of E. D. King, Burlington, Kans., breeder of Merino sheep, Rambouillets and Franco-Merinos. He has 260 good rams of the different breeds that he will sell at a very reasonable figure, or exchange them for wethers at market price. Write him for full particulars.

Thos. Teal & Son, of Utica, Iowa, have long been known as owners of the Hillsdale Herd of pure-bred Berkshires, and they have recently added to their glory by winning a large number of blue ribbons at the Iowa and Nebraska State Fairs. It is expected that their herd will be on exhibition during the entire week of the Exposition at Topeka, and breeders can have an opportunity to see this splendid bunch of Berkshire hogs. A little later we shall have occasion to give some facts regarding the breeding of this herd, which has been led on to success by the great herd boars, Hillsdale Champion and Teal's Favorite. Mean time breeders will be interested in seeing the animals on exhibition at Topeka. See their advertisement on page 999.

A public sale of 100 head of choicely bred Shorthorns will be held on the Crystal Springs Farm, adjoining Breckenridge, Mo., on Wednesday, September 17, 1902, by J. F. Finley. The offering will include such celebrated families as the Oxford Duchess, Kirklevington, Duchess, Renick Rose of Sharon, Princess, Acomb, Bracelet, Goodness, Lady Sale Princess, and Young Phyllis. The royally bred herd-bulls. Imp. Primate of Dalmeny 160746, bred by Earl of Rosebery, Dalmeny Park, Edinburg, Scotland, and Chief Violet 4th 111304 (for which \$1,500 has been refused) are also included. They are the most uniform lot ever offered in Missouri from one herd; are remarkably sound and purely bred, not a drop of seventeen blood or an out-cross in them. They are offered direct from the pastures without fitting and are of a character that will be sure to give eminent satisfaction to the purchaser. Catalogues are now ready and will be malled to all applicants by J. F. Finley or T. P. & M. L. Hall, Breckenridge, Mo.

Hall, Breckenridge, Mo.

The Moore Chemical Company, 1501 Genesee Street, Kansas City, Mo., who are the originators and manufacturers of what is undoubtedly the most efficient hog remedy that has yet been discovered, have just issued a new book made up of letters from breeders of pure-bred swine who have given their remedies a thorough test. Mr. N. H. Gentry, president of tht Missouri State Board of Agriculture, than whom there is no better known breeder of Berkshire swine in the United States, writes that 'for the destruction of lice, the killing of disease germs of every kind, and cleansing hogs thoroughly, rendering them healthy with clean skins and glossy coats of hair, your hog remedy and dipping-tank are certainly a success. I am sure no intelligent swine-raiser who will test the virtues of your remedy and dipping-tank will ever be content without them in the future." Other letters equally commendatory are found in the book from A. J. Lovejoy & Son, Roscoe, Ill.; E. E. Axline, Oak Grove, Mo.; Winn & Mastin, Mastin, Kans.; Zeigra Bros., McCune, Kans.; W. B. and M. Hawk, Beatty, Kans.; W. B. and M. Hawk, Beatty, Kans.; J. M. Williams, Frankfort, Kans.; and many others of the best-known breeders of the different breeds of pure-bred swine. of pure-bred swine.

Some day Kansas will have a great State Fair supported by the Legislature, and when she does one of the objects to be sought will be to make a suitable display of her wonderful agricultural products as well as of her live stock. When this time comes the adjustment of awaros in such a manner as to insure a full and comprehensive exhibit and at the same time give each exhibitor a fair chance of winning prizes will be a problem which we think can be settled better on the plan adopted by Nebraska State Board of Agriculture than on any other. The Nebraska board

(Talk No. 11.)

# One Thing.

This is an age of specialties. No man with a dozen lines of busineses can hope to compete in either line with the man who does but one thing and sticks to it. I simply fit glasses, nothing else. All of my brains and energy are devoted to that one thing. I do not treat the nose, the ear or the throat. I make a special study of the eye alone. I try in every case to do a little better work than I ever did before. If your eyes trouble you in any way I want to talk with you about them. If you ought to wear glasses I will tell you so and tell you why. If you do not need glasses l will tell you so and tell you why. I make no charge for consultation.

My exclusive attention is given to Fitting Glasses.

CHAS. BENNETT, OPTICIAN, 730 Kansas Ave., Topeka, Kans.

ESTABLISHED 1879.

found that individual exhibitors soon "wore out" and they adopted the county collective exhibit system. Under this system \$2,000 is appropriated from which the county scoring the highest number of points will be given \$300 and the remaining \$1,700 will be pro-rated among all other competitors scoring over 800 points in a possible 1,600. By this method all exhibits scoring over 800 points will obtain something. Any county collective exhibit which includes not less than one carload and covers, when displayed, not less than 50 feet of table space and 10 by 50 feet of wall space to the satisfaction of the board of managers shall be guaranteed \$100 cash premium. All exhibitors can compete for the \$300 first prize and all pro-rates. If they fall to win the board will guarantee to make up the deficiency which may exist between the winnings and the guarantee of \$100. This insures to all exhibitors the sum of \$100 in any event. Individuals who contribute to county exhibits are allowed to use their contributions for competition in any other class where there is no organized agricultural society one or more individuals may compete in the name of the county. All exhibits must be grown in the county exhibiting and must be of the growth of the current year. The county in which the State fair is located is barred from competition in the collective exhibits. For the benefit of the extreme western and newer counties fruits are not counted in the scale of points counted, though their exhibition is invited. This plan is the result of considerable experience and is found to be wonderfully successful.

### Nebraska State Fair Notes.

Among the exhibits of pure-bred Duroc-Jersey swine, perhaps none attracted more attention than that of W. W. Hogate, own-er of the Prairie Gem Herd at Blue Hill. Neb. Farmers who have been accustomed to raising animals which are "just hog" would be surprised and considerably edifed by an inspection of the Prairie Gem exhib-it. We shall probably have more to say about this herd later on.

The Galloways are surprising some people. G. W. Lindsey, Red Cloud, Neb., had on exhibition in his herd the young Galloway bull, Senator Mac, which he bought at the American Royal last year from his breeder, W. Guv McCandlass, Cottonwood Falls, Kans. Senator Mac is now 25 months old and weighs 1,800 pounds in good thrifty condition. Mr. Lindsey also shows what can be done for baby beef by exhibiting Pat Ryan, a 10-months-old calf, which weighs 1,100 pounds.

The Hiawatha Incubator, which has the distinction of being the only incubator manufactured in Kansas, as well as the only one which heats the corners first, was exhibited in the annex to the Poultry Show. This machine has been personally tested by the writer to his entire satisfaction, and as its manufacturer is an old Kansas State Agricultural College boy, who has built up a very large business in a very short time, we predict an immense popularity for both the incubator and the brooder.

J. H. Crowder & Son, breeders of Red Polled cattle, Bethany, Ill., has an exhibit of this breed which will serve to open the eyes of visitors. This herd is on exhibition at the exposition at Topeka this week and we think will prove a surprise even to breeders who have not seen them. Instead of adhering to the small type included in the early importations of this breed, Mr. Crowder has selected a large, growthy type which commands respect even among the breeders of distinctive beef cattle. To those not acquainted with this breed of cattle a visit to Mr. Crowder's herd will prove a revelation.

The Great Eagle Mfg. Co., of Kansas City, Mo., had a very comprehensive exhibit of their new style disk plow, their listers, hay-presses, and other agricultural implements of the latest improved pattern, nicely housed and in working order in a large tent which was presided over by their genial manager, Mr. W. L. Lacey. For upto-date farm machinery as well as up-to-date men, the Eagle Company takes a high rank, and it is a real pleasure to visit either their fair ground exhibits or their enormous store and warehouse at the corner of Tenth and Hickory Streets, in Kansas City, especially when one can meet Mr. Lacey.

The exhibit on the fair grounds which attracted most attention was that of the Game and Fish Commission, which was shown in its own building near the railroad entrance to the grounds. The building was fitted with aquaria, which were beautifully adapted for the purpose of showing live fish. All of the food fishes of the State as well as some others were shown here in perfect condition. The German brown trout, the rainbow, brook, and silver trouts were at home in aquaria in which floated large cakes of ice. These were a surprise to many people who did not know that trout were a native to Nebraska. Under the laws of the State a wonderful success has been attained in the protection of its fish and game, and by comparison the weakness of the Kansas laws is apparent. It has been demonstrated that no law governing fish and game protection can be enforced by elective officers, and Commissioner Geo. B. Simpkins, assisted by his able deputy, W. J. O'Brien, are illustrations of what efficient appointive officers can accomplish when they are untrammeled by partisan politics. Nebraska has scored a distinct victory in her solution of the fish and game protection problem, and great credit is due to ex-Governor Geo. W. Furnas for the passage of the bill and to Commissioner Simpkins, as inforcement. We hope Kansas will do likewise. There is room for it.

# The Allen County Fair.

The grounds were subject to overflow of the river and every indication pointed to an overflow on the first day. Every one had given up all hopes of a fair until the grounds began to fill up with stock from far out on the prairie, and then it was decided to hold a fair. The grain and vegetable display was good, also the poultry, but the fruit display was the smallest in our history, caused by a sovere hallstorm just before the fair.

J. B. Furgus, Lone Elm, Kans., was the leading feature in the fruit department. He knows more about grapes than the men that originated them, that is to say,

# Furniture

**シャディアがかかかかかかかかかかかかかかかかかかがない** 

The Largest and Most Complete Stock of Furniture, Carpets, and Stoves in Kansas at the Lowest Prices.

Sell the Celebrated Buck Stoves and Ranges

FREIGHT PAID TO ANY POINT IN HANSAS.

# EMAHIZER

Successors to GEO. W. MOFFETT, 533 Kansas Avenue, Topeka, Kans.

he is a walking enthusiast and raises some of the best fruit in the State.

The horse and colt show was good, many fine horses, colts, and drivers being shown.

J. C. Strong, Moran, was the sweepstakes winner and also won the larger part of the other prizes.

Tom Anderson had his show herd of Angus cattle there and got all the ribbons in his class and also sweepstakes.

Mr. Treadway, Abe Mull, and J. C. Norton showed sheep, and between them got all the ribbons, the latter getting eleven.

J. T. Tradway showed a full string of red hogs that attracted much attention.

Abe Mull, Iola, and J. C. Norton, Moran, took all the ribbons in the Poland-China class, also in grand sweepstakes. Mr. Mull's sows and pigs were in better condition than Norton's and won first, while Norton's took second. Both had daughters of Anderson's Model, litter sisters, with pigs the same age from sons of Missouri Black Chief. Norton's vigs from Missouri Black Chief were a little longer bodied pigs than are usually seen and this gave them the appearance of being poorer in fiesh than they really were. Mull had Skylight Perfection and Mull's Perfection at the head of his herd and Norton had Black Missouri Chief and Proud Perfection 2d at the head of his herd, and the great battle of the fair was between these four great boars.

Skylight Perfection is a great boar and is being prepared for the Kansas City

great boars.

Skylight Perfection is a great boar and is being prepared for the Kansas City show. He was a March pig, while Proud Perfection 2d was only 13 months old, but had been fitted with great care and carried his 500 pounds like a peacock He took first in his class. Then in grand sweep-stakes the lord of them all, the 27-monthsold Black Missouri Chief briskly stepping along with his 800 pounds of hard flesh and not a wrinkle on him, with his great length, width, and height and his wonderful arched back and mole skin show coat took the prize ribbon of the show, the grand sweepstakes on boar of any age or breed.

It was a great victory for Mr. Norton as

breed.

It was a great victory for Mr. Norton as Skylight Perfection and Mull's Perfection are choice stuff. But this brief report would not be complete without mentioning the display of the economy fence by T. P. Campbell, Manhattan, Kans. This fence is the greatest help in strengthening old wire fences and fencing across a water-way that has ever been seen in this county where posts are scarce. It is a wonderful substitute, as the stays do away with three-fourths of the posts usually used. It is a great invention and so simple that any farmer can make the stays.

# The Monsees Sale.

The Monsees Sale.

On September 3, at his home farm at Smithton, Mo. Louis Monsees & Son held their twenty-first semi-annual sale of live stock. The offering included some 500 head of stock of different kinds and the sale was attended by about 1,000 stockmen from Illinois, Missouri, Kansas, and the two Territories. Lime Stone Valley Farm has become famous for its semi-annual sale because of the quality of the stock offered and because of the honesty and square dealing of the Messrs. Monsees. This sale included about 400 cattle, mostly calves, stockers, and feeders. Twenty head of standard and saddle horses and the same number of Poland-China hogs, and a nice bunch of mules.

same number of Poland-China hogs, and a nice bunch of mules.

While some of the stock sold cheap, the average was highly satisfactory and the sale aggregated nearly \$15,000.

The Poland-China swine averaged about \$11.50 per head but they were nearly all late spring pigs. Weanling mule colts sold from \$65 to \$75 each. The mule is in high favor in Missouri and is gaining ground in other portions of the country. Weanling stallion colts of the famous Lime Stone Valley Farm breeding sold as high as \$230 each.

A 3-months-old bay filly by Rax McDonald out of a dam by Denmark Chief sold to Shelby Bartle, of Versailes, Mo., for \$155, while her dam, Lady Mack 1026, a 17-year-cld mare, sold for \$102.50 to J. M. Glikerson, of Warrensburg, Mo., Chestnut Queen 2116, a 2-year-old daughter of Lady Mack, by Limestone Artist 989, Mr. Monsees' famous saddle stallion who was got by Artist Montrose, the world's fair sweepstakes winner, sold to J. H. Gunn, of Otterville, Mo., for \$750. Miss Rudy 2115, a 3-year-old daughter of Limestone Artist out of a Pledmont 198 dam, sold to Geo. Shy, Otterville, Mo., for \$75. Nellie H. 1869, 5 years cld, sired by Limestone Artist, dam by Highland Chief, sold for \$97.50 to R. P. Hunter, River View, Mo. A 3-months-old colt of this mare, sired by Forest King,

the St. Louis show stallion, sold for \$60 to Geauregard Mayfield, of Clifton, Mo. One of the prettiest horses sold, and one of the best bargains in the offerings, was Baymont 1689, a 2-year-old son of Limestone Artist, that M. D. Hogan, of Sedalia, Mo., secured for \$230. A splendid young colt, 4 months old, sired by Rex McDonald out of a Montrose dam, for at \$200 to Shelby Bartle. His dam, Modelrose 1032, 10 years old, went at \$105 to R. K. Thompson, of Beaman, Mo. Bay Artist 1772, 16 months old, sire Limestone Artist, sold at \$130 to W. J. Finley, Tipton, Mo. Limestone Lee 1774, a 4-months-old colt by Limestone Artist, dam by Montrose, went to John Hicklin, Sweet Springs, Mo., at \$230.

Chicago Belle, a 10-year-old imported Hackney mare, sold for \$7.50 to W. S. Corsa, Whitehall, Ill. This mare was at one time one of a famous tandem team shown by Mr. McIntosh, of Chicago, and was once sold for \$1,700. Mr. Corsa secured for \$105. Brown Annie, an 8-year-old grand-daughter of the famous Onward 1411. A trotting-bred yearling filly by Mr. Monsees' well-known Woodsprite '826 sold to J. M. Walker, Wanamaker, Mo., at \$97.50.

All told 400 head of cattle went under the hammer. Steer calves sold in lots of 25 at a range of \$15.25 to \$20.70 per head, with one bunch of very choice, good-colored uniform calves at \$26.50. Heifer calves sold at \$15 to \$22.80. Yearling bulls brought \$25.50 to \$22.55. Good, 1,100-pound 3-year-old feeding steers were sold, three carloads, at \$41 to \$42.55 per head, and two loads of 2-year-olds at \$35.25 to \$39.10 per head. A bunch of yearling steers brought \$22.35, one lot of 60 head of yearling feeders sold at \$30.60 each.

It will be remembered that Messrs. Monsees won first prize at the Missouri State Fair on Poland-China boar under 8 months.

It will be remembered that Messrs. Monsees won first prize at the Missouri State Fair on Poland-China boar under 6 months; first on aged jack; first on jack 3 years old; first on yearling jack; first on colt; first on 3-year-old jennet; and first on 2-year-old and 1-year-old jennet.

and 1-year-old jennet.

The sale was a distinct credit to the owners of Lime Stone Valley Farm and an assurance of success in their future semi-annual sales. The spring sales which always occur on the first Tuesday in March, have their strong feature in the offering of the jennet herd which is conceded to be one of the largest and most select in the United States. The quality of the offerings at these sales, together with the clean, straight methods and the absolute square dealings of the Messrs. Monsees has made their semi-annual sales events to be watched for.

# Galloways to the Front.

Galloways to the Front.

O. H. Swigart, the Galloway breeder and authority of Champaign, Ill., states that he was on the Chicago market on the 20th inst. with ten head of yearling Galloways—steers, sired by a bull of his own breeding. These steers were born from May to October, 1900 They had been fed corn since last November, and weighed in Chicago I,213 pounds, and sold to Doud & Keefer for 9 cents per pound. This is equal to the highest of the year for any breed and Mr. Swigart was told that it was the highest sale ever made on the open market in Chicago since the yards were established, for any breed of cattle of that weight.

It will be remembered that in July last J. M. Rhodes & Son, the enterprising breed ers of Kansas, topped the Kansas Citymarket with a load of high-grade Galloway steers, which brought \$8.35 per hun-

crs of Kansas, topped the Kansas City market with a load of high-grade Galloway steers, which brought \$3.35 per hundredweight, the record price for that market for steers of any breed. Yet these steers were bred and fed by their owners under practical range conditions, being prepared for market under the ordinary conditions prevailing there. The special responses to the seales in the market papers emphasize the changed attitude of the press toward Galloways. Galloway breeders have used so little printer's ink that the market papers had come to report all sales of black steers as Angus. Yet it is a well-known fact that one-third of all the black steers coming to the market must, if they confess the truth, own a Galloway bull for a sire. So the epithet won by the favor shown black steers by the packing buyers of "market-toppers" should be shared equally by the Galloway and Angus. Range cattlemen of the Southwest have for many years been buying Galloway bulls in carload lots and are well pleased with the investment made by them. The mountain regions of the West are buying Galloway bulls, while word comes from the Northwest and the Canadian Northwest that no other breed can compete on even terms with them. There can be little doubt that in the near future the hardy Galloway way with his sealskin sacque will own all

that part of the range country where pro-tection from blizzards is required. The Texas and Oklahoma breeders report that they are impervious to the breeders' dread, "the old norther."

### Milch Cow Test.

An interesting contest at every fair is that conducted to ascertain the butter-producing quality of milk. Several entries were made at the Nebraska State Fair and for two days tests were carried on. M. E. Moore, Cameron, Mo., with a Holstein-Friesian cow, won first prize for thoroughbred cows. During the two days the animal gave 102 pounds of milk, with 3.74 pounds of butter fat or at the rate of 12½ rounds of butter per week. H. C. Glissman, Omaha, with the same kind of cow, won second and third prizes, one animal giving 101 pounds of milk and 3.15 pounds of butter fat and the other animal giving 55 pounds of milk with 3.24 per cent of butter fat.

So pounds of milk with 3.24 per cent of but-ter fat. S. W. Perrin won the test for grade cows. The animal securing first price gave 45.6 pounds of milk and 1.83 per cent of butter fat. Mrs. Carruth won second prize, her cow giving 48.9 pounds of milk with 1.72 pounds of butter fat.

### How's This?

We offer One Hundred Dollars Reward for any case of Catarrh that can not be cured by Hall's Catarrh Cure.

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Druggists, Toledo, O.
Hall's Catarrh Cure is taken internally,
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surfaces of the system. Price, 75c per bottle. Sold by all Druggists. Testimonials

# free. Hall's Family Pills are the best.

Publishers' Paragraphs.

Publishers' Paragraphs.

Beckman Bros., Des Moines, Iowa, have long been known as manufacturers of the best and cheapest scales of all patterns to be found anywhere in the West. These scales are American standard and are warranted and made in all the different patterns. They give their patrons better scales than have ever been put upon the market for anything approaching the low price at which they are sold. At the same time there are no scales manufactured anywhere which are superior to these in accuracy or durability. There are none that equal them at the same price. These scales are manufactured from railway track scales down to the little family scales and are all equally accurate and durable. Scales are essential on the well-ordered farm as well as in the well-ordered household, and none can be had that will give greater satisfaction.

The fact that our insane asylums are filled in the female wards with a greater number of women from the farms than from the towns and cities is accounted for by the hard and grinding labor which the American farm wife is called upon to perform. Many farmers are content to supply themselves with the latest and most approved farm machinery, while their wives and daughters are compelled to do their work in the old way. Any man who can direct the attention of the farming community to any labor-saving device for the household, which is at the same time efficient, cheap, and economical is a real benefactor to womankind. All farmers' wives realize that a washing-machine which would answer this description would be worth many dollars to them in lightening their burdens. The Gee Whiz washing-machine, manufactured by M. C. Randleman & Sons, Des Moines, Iowa, answers this description in every particular. It is made of galvanized steel and will not rust or leak. It is the easiest working machine that is made and will do the work more rapidly, better, and with less soap than any other machine that the writer has ever seen. A recent visit to the factory of Captain Randleman served to show us the enormous capacity of their machines per day, and this fact is mentioned to show the enormous popularity of the Gee Whiz washines as well as to show the fact that they can fill all orders promptly. If you need further information you can write to Captain Randleman at the address shown on his advertising card in this paper, but a more satisfactory way would be to order a machine direct, as the writer has done.

# Brange Department.

"For the good of our order, our country, and mankind."

Conducted by E. W. Westgate, Master Kansas State Grange, Manhattan, Kans. b. whom all correspondence for this department should be addressed. News from Kansas Granges is especially solicited.

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# KANSAS STATE GRANGE.

Master. E. W. Westgate, Manhattan Lecturer. A. P. Reardon, McLouth Secretary. Geo. Black, Olathe

### Possibilities of Organization. A. J. JOLLY, MENTOR, KY., IN GRANGE BUL-

LETIN.

While there is on every side a hus tle and bustle made by people of different callings and vocations in uniting themselves into organizations that they may better the conditions of their respective occupations, what is the farmer doing to better his condition? Is he in this onward movement, or is he a mere spectator? We fear the latter is the case. But can he afford to stand by and watch while everything Do/you want a position?

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is constantly undergoing a change and all modes of business are being revolu-Must not he organize and tionized? adopt the measures of the others, or must be stay in that inert state and say, "My father and his father before him made a success or farming without the farmers being organized, and why not I?'

There is no denial that they did, but what were the condition of affairs at that time? The mode of business was different and they were right abreast of those conditions, while today they have changed; there has been an evolution.

Capitalists organize into fraternities that they may be better able to cope with the world, and thereby make their conditions better. Workmen of all kinds organize so they can protect themselves from being put into utter servitude by an octopus, for in unity there is strength. They have city, county, State and National orders or organizations, conducted on democratic principles, thereby all having a voice in the way the fraternity is conducted: and when anything threatens any part of that organifiation, they are so united all over the country that a few mem-bers know the will of the whole. Therefore their interests can be attended to the more easily and with speed also by the number behind with power.

For illustration we will cite the Association of Railway Engineers. Their's is a very strong and well-organized body of workmen. Their president, Mr Arthur, lives on Euclid Avenue, Cleve-land, where Mr. Rockefeller resided when in Cleveland. Three times since he came at the head of this fraternity, they have been successful in their de mands, for the railroad magnates recognize the fact that they are well organized and are prepared to enforce their demands. They further know that at the call of Mr. Arthur all the engineers of the country would leave their en-gines where they stood and go out on a strike. The results, commerce would be paralyzed, mail would stop, produce of the farmers would spoil, and all manner of business would be impaired.

Such is the power of the railway engineers, and how much greater would be the power of the farmer if he could be aroused to his situation, and be caused to organize, for it is he who holds the key, you might say, to all business. Everything would be para-lyzed if he refused to sell, and instead of being dictated to by an octupus, trust or combine setting the prices on what he produces and also on what he purchases, he will become the dictator and for once occupy the exalted posi-

tion that was destined for the farmer. Now, to do this he must cast aside the old and embrace the new methods used by the people in other vocations; organize in one great fraternity, lay aside the prejudice against organiza-tion, for it is the spirit of the age, and will be the medium, and the only one, through which the farmers can secure their rights.

Why should the farmer more than anyone else keep in the old rut because his father made a success there? But, as we said before, there has been s change.

When we read of the valor of the ancients, as exemplified by Horatius defending the bridge against an army, Ajax beating down the Trojan leader with a stone; two men could scarcely lift "Richard the Lion-hearted," spurring along the whole Saracen line without finding any to withstand him; these can not but command our admiration for their valor. That day is over. What would we think to see an army of those men equipped in their old way attempt to fight a modernized army? It would be the height of folly. While it would do before the days of Epaminondas, it will not do today because there has been an evolution in military affairs.

ways were good enough for your father. they can not be successfully followed today.

So we must organize, it is a necesso we must organize, it is a necessity. And why not arouse the farmer to that grand, great, and noble order, that has already accomplished so much for the farmer—the Grange—and let it be the Moses to lead the farmer out of bondage to the position that he should occupy.

### Postal Banks in Italy.

Italy is not the most progressive country in the world. Yet Italy is far ahead of the United States in at least one respect, having established postoffice savings-banks in 1876, operations beginning on the first day of the year. We have no complete statistics at hand concern-ing the growth of these people's banks; and yet the facts given below indicate that there is a growing interest in these institutions.

In 1897 there were 4,889 postoffice savings-banks in Italy. These banks had 3,013,004 depositors whose total deposits amounted to 536,634,812 lire equal to something more than \$100,000,-000. At this time Italy's population was about thirty millions—a savings account for every tenth person, or approximately one for every second family in the kingdom.

Three years later the number of postoffice banks was 5,143—an increase of 254. The deposits in the latter year (1900) amounted to 682,000,000 lire—a gain of about 145,000,000 lire, or nearly thirty millions of dollars. While the banks increased in number and the rotal amount on deposit was augmented at the rate of ten millions a year, the number of depositors increased in al-most exact proportion to the total sum in the banks. In other words, while every patron of the postoffice savings-banks had thirty-three dollars laid aside in 1897, each of the \$980,000 new patrons brought an equal amount to swell the fund belonging to the poor people of Italy.

There is another way to emphasize the growing popularity of the Italian postoffice savings-banks. In 1897 one person in ten had an account in them. In three years—the population of the kingdom having inscrased to 32,000,000 and the number of depositors to 3,993,-340—one person out of every eight had an account with the postal bank. Could better evidence be put forward to prove that the people believe in banks of this sort, and that they have a growing appreciation of their usefulness?

The Italians are not generally supposed to be very steady and constant in their patriotism. But when nearly four million of them have money in the keeping of the government, is it not likely that they will be more careful to support the government than if their money was in the vaults of private bankers, or even of cooperative savings-

The question just asked suggests that wisest statesmen and sagaci ment administrators would do well to consider the establishment of postal banks with a view to increasing the interest of the people in stable government. The man with money in a national bank is not likely to proclaim that it is in an unsafe condition until he has withdrawn his money—if so with a stone; two men could scarcely with a stone; two men could scarcely lift "Richard the Lion-hearted," spuring along the whole Saracen line without finding any to withstand him; these can not but command our admiration for their valor. That day is over. What would we think to see an army of those men equipped in their old way attempt to fight a modernized way attempt to fight and the people prove their faith by their works—by increasing their deposition of the people works. In the postal savings-banks. In the United States most of the people with the lands of the people



subject; and we know of no better persons to awaken an interest in it than members of the Grange.

It is not day, and yet the night is gone.
Look eastward. See! that is not black, but
gray,
Cold gray, hard gray, dark gray; and yet,
if one
Watches it, cold and hard, he hopes for
day.
Whiter and whiter—see, the night is done!
The stars are frightened, and they pale
away.
Color that—color? Yes, 'neath Procyon
See the soft tinge, as new as it is old,
That nameless yellow of which Homer told;
And then, as those weird curtains are unrolled,
Cloud mixed with cloud, fold entangled in

rolled,
Cloud mixed with cloud, fold entangled in with fold,
That "faint, peculiar tint of yellow-green,"
And there the scarlet of the rays between.
Scarlet—not crimson, flashing into gold,
One sea of gold, and then the sun! the sun!

—E. E. Hale. -E. E. Hale.

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## ····· The SHARPLES

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# In the Dairy.

### The "Milk Thief."

G. W. R., Baldwin, Kansas, sends a letter that reads as follows: "I was requested to write and ask your opinion of the tube tester. They are using it at our creamery and it has not given good satisfaction to the patrons, the test is lower than ever."

By the tube tester our correspondent doubtless refers to the "milk thief." This is a long narrow tube that is lct down into the milk and if not lowered too rapidly takes a column of milk from top to bottom. The length of the column varies with quantity of milk in the weigh-can. Where this thief is let down slowly, so the milk can run into the opening in the bottom as fast as it descends it is no doubt an accurate—if not the most accurate—method that we have for sampling milk. If, on the other hand, the milk is allowed to stand in the weigh-can for any length of time and the cream raises to the top, care should be taken not to allow the tube go faster than the milk and cream will flow into the tube; otherwise the tube will have a tendency to fill from the bottom of the weigh-can where the milk contains less butter-fat. This lat-ter condition is not met with when the sample is taken immediately after the milk is placed into the weigh-can. We have found from a number of tests that the milk just after it is placed into

### Creamery Promoters.

the weigh-can has the fat evenly distributed. D. H. O.

tributed.

### ED. H. WEBSTER.

The writer had occasion to visit a community the past week where the farmers were buying experience at the rate of \$100.00 per share in a stock creamery company. There was considerable dissatisfaction manifested with the deal. Some were fearful that the machinery and plant in general were not what they were afraid that inferior That is, they were afraid that inferior and second-hand goods had been sold them at the price of the best. Others were afraid that outside competition would be so great that they would be forced to operate at a loss in order to do business at all; while others could not see where there were cows enough in the community to support a cream-ery on a paying basis.

The strangest thing to us is that all these misgivings were after-thoughts, and did not begin to assume shape until the building was completed and the company doing the building called for a closing of their contract.

The creamery promoter has been among these people and showed to some of them in glowing terms how a creamery had been the center around which the wnole revolved in hundreds of places they named, and that the one sure road to success in that particular community lay in their building a creamery. A few of the best business men of the town were interested and took stock. Their names meant, to scores who saw them signed to the contract, that everything was all right, and some fifty farmers and merchants subscribed. Another they were signing until they realized that \$100.00 was due to some one who put up their creamery. Then came the time of meditation and the misgivings referred to above.

How far were these misgivings true?

In this particular plant mentioned, the building company had given the farmers their money's worth. A good building equipped with the very best machinery was on the ground, and the price asked for the outfit was not exorbitant.

This removes the first doubt. ish men who would subscribe \$5000.00 for a building and not one or them competent to judge whether their machinery was as represented or not. The next doubt is that of outside competi-tion. Before the first name was signed to a contract for the building this matter should have been carefuly weighed. The large creamery companies publish broadcast what they will pay for butter-

fat on track at shipping station. They also publish quotations on butter that all interested could optain if they chose. The wiser thing for men, investing in such enterprise, would have been to determine if this margin between quotations was sufficient to comtween quotations was sufficient to operate a small creamery. The last doubt mentioned should have been the very first thing considered. The whole success or failure of a plant depends first of all on the number of cows which will furnish milk, no matter how good the machinery or how free from outside competition a creamery can not run without milk. On the amount of milk received will depend largely the amount of margin required, as mentioned above. The larger the run of milk the less per pound will it cost to operate the plant.

The sin the creamery promoter will have to answer for is the going into territory with too few cows and persuading the farmers to build a creamery. When the creamery is built and settled

for, the promoter's interest is done.
The creamery, in the opinion of the writer, will make more money year by year for the farmer than anything else in which he can interest himself. It will be better for the farmer in the thinly-settled districts to let some one else build the creamery or skimming station, who can work along until suffi-cient interest is worked up to make it a success. In the meantime the farmer has at his railroad station a ready market for his cream at highest prices on These prices are based on some standard market, and he sells his but-ter-fat as he does his corn and his wheat.

We urge the Kansas farmer to go into the dairy business, but let creamery promoters alone until he gets sufficient knowledge of the business to settle the above questions for himself, and we suggest that he write to the Dairy Department of the College, Manhattan, Kansas, for information before invest-

### Results of Education.

O. H. BARNHILL, IN WALLACE'S FARMER W. L. Sherman, of Ingham County. W. L. Sherman, of Ingham County. Michigan, hired a young man who had graduated from an agricultural college, and the results were so wonderful and far-reaching that our farm college could well afford to print it in pamphlet form and send it into every farm home in the United States. We need to be awakened to the value of an agricultural education, and what it will accomplish for us and our children. Few complish for us and our children. Few of us have an adequate conception of the possibilities along this line. But listen to Mr. Sherman's story: "For two years I had a hired man who

had graduated from our agricultural college. Some of my neighbors called me a fool for paying the wages he demanded, but I never made a better investment. His knowledge was my lemon and I squeezed it. I bought some books on farm chemistry, botany, surveying, and horticulture, and took practical les-sons from my hired help in these

"My hired man honored his profession. In a few weeks my boy, lately indifferent to farm work, tagged around at his heels and begged to help him. My girl trailed after us with her bot-any. I stood speechless one summer day while she told me what Ruskin said about the clouds. Her fingers were in a book that had the hired man's name on the fly-leaf. I looked through it and showed it to my wife. She said if such culture was agriculture she was glad her daughter was finding it out.

"That summer we began on insect pests by studying entomology. My children went wild with enthusiasm, collecting specimens under the hired man's directions. Because he was watching for a certain moth, Will re-fused to go with some other boys to the strange thing is that many of those signers did not know or realize what running away to join a circus company. In his threat to do so he quoted the frequent utterance of a neighbor, 'A farmer's life is a dog's life.' The life of my educated hired man, by its very contrast with a dog's life had saved

my boy.
"Before summer was over our children knew the birds, their ways and haunts, from the bobolink to the owl. By October they had set themselves to protect quails and partridges. Agricultural science had taught them that most birds are farmers' friends.

# Chronic Constipation Cured.

The most important discovery of recent years is the positive remedy for constipation. Cascarets Candy Cathartic. Cure guaranteed. Genuine tablets stamped C. C. C. Never sold in bulk. Druggists, 10c.

"In the second year of our farm education the children gave breathless descriptions of wild flowers, ferns, and lovely dogwood white with biossoms. They were amazed with the beauty of forest tree flowers. 'Father, did you know the trees in the woods have flowers? Why did you never tell us? See the lovely red and green satin of the biology buds, ever so much prettier hickory buds, ever so much prettier than tulips.'
"I was ashamed to confess that I

had never considered the illies of the trees, how they grow. My girl had be-come a lover of trees. She made me promise not to destroy her fairyland, the wood-lot, by felling the maples, as

I had intended.
"The chemistry of foods improved our diet and lessened the work of the kitchen. In connection with some advice from the family physician, I substituted the glass of milk for the glass of cider.

"I had tried to forecast the weather by the barometer, but concluded that that instrument was too mercurial to be reliable. But Mr. Smith seemed to understand its changes sufficiently to keep our hay out of the way of long storms. His observations and mine were another example of the difference

between educated and uneducated eyes
"No new buildings were put up but
under Mr. Smith's directions. I fixed
over our barns and sheds until dryness,
ventilation and convenience for cleaning were as good as in costly structures. One result of these improvements was that my boy willingly and easily did the work about the stables and poultry yard which he formerly shirked. In harvesttime when the work was pushing, my wife and daughter took pleasure in doing chores, which had been impossible under old conditions.

"My farm was saved; that was much. My boy was saved; that was more. The farm had become more attractive than the circus or the city. After Mr. Smith went away the boy worked on the farm

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and with his books to prepare for a course in the agricultural college, from which he graduated three years later."

Does not Mr. Sherman's remarkable experience suggest the solution of that vexing problem, How to keep the boys on the farm? I think it does. Long live the farm college! May it receive the support which its importance months. merits.





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# 22 I-2 Cents Per Pound For Butter Fat

There is practically no limit to the quantity of escam we can handle and we ask your cooperation in developing this business along these lines. In addition to the excessive price received by our patrons for butter-fat, they have added to the value of their skim-milk by using a farm separator, what would amount to at least 5 cents a pound additional for butter-fat. Write us for particulars and we promise prompt reply to any inquiries.

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very bree lous but Star prin Pou said "I

eluc nity mer umi dey

sur ban yea

two pot to ma giv We chi wo'

Cre

egg pri bus nar

de fro ver for tisi dis

er All eru

# The Poultry Yard.

### Feeding for Eggs.

Feeding for eggs is a very serious matter for a good many people and a very important one for all poultry-breeders. That some of the formulas for rations for laying hens are ridicu-lous all experienced poultrymen know but no one ever hit at these complicated mixtures as well as did J. H. Davis in the Practical Poultryman and Poultry Star for June. It is so good that we reprint it in full:

Judge Limestone Wheeler delivered an address before the Possum Creek Poultry Club last week on feeding for In the course of his remarks he

said:
"I believe in feedin' fo' eggs, I dose. I kain't say dat I gits de eggs, at de same time we jes' got ter feed fo' dem on de mos' scientificust plan dat we kin elucidate widin de scope ob our comprehension and jurisdiction.

"De grate lights ob de poultry frater-nity am feedin' fo' eggs twelve months in de year. Eggs am what you all want most worst, an' eggs we am gwine to git by fair er fowl methods. Ef de members ob dis Club read de science articles on feedin', elucidated an' l'us-trated wid facts an' a good many col-umns ob figgers in de leadin' papers, dey mus' conclude dat de egg question am de paramount issue. (Cries of dat's so; dat's so.) "Now git out yeu' note books an' pen-

cils an' take down dis formula dat I has formuate wid long study an' prayer. I ain't gwine to say dat hit am a sure cure like de patent med'cines dat's drivin' de doctors out ob practice an' banishin' disease from de face ob de yearth. No, I ain't dat sure ob hit. But we got to do de feedin', an' we want hit to go down to posterity dat de Possum Creek Poultry Club feed de mos' scientificust ration on de globe. (Great sensation.) Now heah am de ration for a sation.) Now hundred hens:

'Sebenteen poun's ob porterhouse

- "'Eight poun's ob proteen.
  "'Nine poun's ob kian pepper.
  "'Six poun's ob glycerine.
- "'Twenty-six poun'h ob hydrogeen.
  "'Four an' a half poun's ob oat-meal.
  "'Ten poun's ob hominy.
  "'Six livers from white hogs.
- "'Two poun's ob salt.
  "'Nineteen poun's ob white beans.
  "Three gallons ob mince meat.
- "'Fifty poun's ob ister shells.'

"Put de gredients in a kettle on a fire made wid pine knots, an' when hit biles stir in three gallon ob carbo-hydrates, two quarts ob ash mineral an' enough carbo-hydrates an' albuminoids to fill de pot. Bile twell done, an' feed a quart to each hen at half-past nine in de mawnin', prezactly, an' if you all doan' git eggs, we gwine to speriment wid an-

nudder mash. 'I hain't tried dis new feed. I done give hit to you all to speriment wid. We's got to speriment if we kill de chickens. All de great re-fo'ms in de wo'ld hab come up wid sperimentin'. If dis new ration I hab gub yo' doan' kill de chickens, and dey lays lots ob eggs, de Club kin git a patent an' make nuff money to buy a piano an' a big lookin'glass fo' de hall, and a new suit ou
clothes for ebery member ob de Possum
Creek Poultry Club. (Loud applause, shaking hands and general good feel-

ing.)
"De progress ob de times am fo' mo eggs, bigger eggs, better eggs, higher priced eggs, an' de feed dat does de bus'ness am gwine ter rake in de 'preciated dollars by de wagon-load. I hab named de feed mentioned, de 'Possum Creek Magnetic Ration,' an' if hit doan will de chickens, we gwine ter build a ten-story factory an' sen' de 'Possum Creek Magnetic Rations' to all pa'ts ob de wo'ld. Uncle Rastus, de President from a tour ob Europe, will be de adforty-two millions de fust year adver-tisin' de 'Rations.' vertisin' agent, an' we expect to spen'

"Der will be no trust connected wid dis factory an' dis feed. Spot cash am de terms. I know dey am big talk 'bout trusts, but we ain't doin' dat kine er bisness. Dat will catch de crowd. All de leadin' papers dat am agin crusts will point dar fingers at de 'Possum Creek Magnetic Rations' an' say rat's de chicken feed fo' yo'—everyfing C. O. D. No trust dar.

"In conclusion I ask all de hon'able members ob dis Club to speriment wid de 'Rations' at the airliest convenience and gub in de results on two page ob foolscap paper, statin' how many chickens stood de test, how many eggs dey laid, de size an' color ob de eggs, an' de gin'ral infrequency dat de 'Rations' was 'ministered. Ef some ob yo' filks

tions' weder de hen lays er not. Ef de hen doan' lay de 'Rations' am not ter blame. An' dey'll sell all de same."

# A Way to Fight Lice.

Perhaps to the efforts of the lice should be attributed most of the failures in poultry keeping, write a correspondent in The Poultry Advocate. Therefore, any remedy that will prevent or destroy lice should be kindly vent or destroy lice should be kindly considered by poultrymen, and, as in most other things, a preventive is better than a remedy, we want to present a plan that we have operated for sevedal years and have been highly pleas ed with it. Since introducing it we have had but little trouble with lice. Being situated so that we could procure all the small poles that we desired, being cheaper than sawed lumber, we used the poles, but sawed lumber doubtless would do as well.

Four our house, 12 by 20, we procure four poles eight feet long and about two inches in diameter, and twelve smaller poles sixteen feet long. Two feet from each end of the small poles we drive an eight-penny nail, so that it may be driven half an inch or more into the supporting pole upon which it rests, so that it will not be shoved out of place by the fowls. we take a loop of wire, say No. 10 or 12 size, and with it suspend each end of our eight-foot poles, placing them twelve feet apart—that is, two at a time. You see, we have two sets of each kind of poles, suspended by the wires to the roof at an elevation of about three feet from the ground. We now lay on six of our small poles and space evenly on the suspended poles and we find that our nail comes at the unsuspended pole; so we drive it in so as to hold the roosting pole in its place. Our roosting nest now hangs two feet all around from the walls of the building and three feet from the ground on a level so that we are not bothered with fowls crowding for the higher places. It swings a little, but after the fowls become used to it they seem to enjoy the swinging. I suppose it reminds them of the swinging limb upon which their ancient ancestors took their repose.

We have two sets of poles, and during the lice season we change our poles about every week, but not so often in colder weather, in fact, hardly necessary at all in the winter season. When we change we throw the poles some distance from the house and then place the others in the roost nest. Occasionally we go over the others, the ones thrown out, with a little lime whitewash, to which a little carbolic acid has been added. About once a year—in the spring season—we give the walls a dose of lime spray with a common hand sprayer. By the above process we keep our fowls and have the minimum amount of work, and our fowls are healthy and pay well for their keep. We don't think it pos-sible to keep fowls in large flocks en-tirely free from lice without more fussing and work than the fowls would appreciate and pay for.

## Good Care Pays.

It is now time to separate the chicks, whether hatched for winter layers or for market. But really they should be kept in separate flocks according to their ages, as soon as they are taken form the old hen, or if brooder raised as soon as they are strong and lively. This plan is necessary in order to get get more than its share of the food, rapidly paying for all this. We do not her.

could sen' in testymonials dat de 'Magnetis Rations' make yo' chickens lay two eggs ebery day, an' dat it am a sure cure fo' roop, measles, cholera, limber-legs, piles, warts, pip, freckles and so forth, yo' all gits ten dollars apiece for de testymonials, 'sides a wo'kin' interest in de fact'ry. We wants mo' eggs an' must hab dem. But, we wants to boom de 'Magnetic Rations' wader de hen lays er not. Ef de They want to know why we have succeeded. The story is soon told. We have been honest and fair with our patrons-in test, service and price. Our price is based on the New York market\_the highest and safest in the country. We pay two and one-half cents below that market for butter-fat, less the actual cost for fuel, labor and supplies for the skimming stations. We pay three and one-half cents less than that market for butter-fat in handseparator cream delivered at our stations. The extra cent pays for sampling, testing, weighing and shipping. We pay two and onehalf cents less than that market, net, for cream shipped to us direct in quantities which will warrent, we furnishing everything necess-

We have nothing to conceal. Patrons are welcome to come and see their milk and cream tested. The more people know about our methods and prices the better satisfied they are. Once our patron, always our friend. It pays to be fair. The whole State is feeling the effects of our labors for the dairy industry in Kansas. Every farmer who deals with us is helpiug to make Kansas a better place to live in.

# Cleanliness is Next to Godliness.

but if older chicks are in the flock the

the larger ones are kept by themselves

veloped pullet to start to laying in the

late fall or early winter. Too, if we are raising something for the show-room, we are compelled to separate our

room, we are compelled to separate our choicest from the culls and give them our every attention. They must not only be fed well, but must have a clean, roomy place for their quarters. This must be entirely free from lice, and where every means is provided for their health and comfort. They must of course be founded and netted allowed

of course be fondled and petted, allowed

to eat from your hand and made to know that you really love them. Teach

them to stand erect by gently tapping

them under the bear with your finger. Then when they are entered in the show-room they will not appear excited and fussy and have their plumage all

mussed up. A chicken may ever so nice and score away up in "G," as the saying is, but spoils all outward appear-

ance by being afraid and of a wild dis-

FORWARD PULLETS.

We are taught by experience that it takes lots of work, time and care to

produce a fine lot of birds, but when

once we possess such we never look back with regret. We must be with our

flock and know every one, have them upon going to feed them come to meet

us. In this way we are made to love them. If we are never with our chicks

and have no love for them they are

usually a sorry looking mess of barn-

yard mongrels. I am now the proud possessor of a fine lot of Brown Leg-

I have

smaller ones will be driven away.

But in the dairy business it is more-it is money in your pocket. Cleanliness means good, sweet, fine-flavored cream, high-grade butter, and the top prices. Poor cream will not make good butter, and poor butter takes its chances in the market. Remember this, you who are neglecting your separators and milking utensils and are bringing in poor cream. This company has been fighting dirt and microbes ever since its organization. Help us to make Kansas butter the best in the world. Bring or ship us your cream. Write us or see our operators.

# THE CONTINENTAL CREAMERY CO.,

......TOPEKA, KANSAS.

POULTRY BREEDERS' DIRECTORY. ROSE COMB WHITE LEGHORNS—Fine cocker-els for sale. Emboden geese for sale—\$5 per trio. Mrs. Winnle Chambers, Onaga, Kans. they will take on weight much sooner than when allowed to run with the smaller chicks, and this of course means more profit if they are to be marketed, while if they are to be kept it only means a stronger and better de-

# W. B. WILLIAMS, Stella, Neb.,

Breeder of

Rough Coated Scotch Collies and Barred Plymouth Rock fowls of the highest standard attained. Fine pups for sale.

All our Fine Breeders of this season, also Spring Chicks for sale after the first of June. Barred

Rocks, White Rocks, Buff Cochins, Part-ridge Cochins, Light Brahmas, Black Langshans, Silver Wyandottes, White Wyandottes, Silver Spangled Hamburgs, S. C. Brown Leghorns, and Belgian Hares. Buy the best now at the lowest prices. Write your wants. Circu-lars free. Choice Breeders and Show Birds. A. H. DUFF, Larned, Kan.

\*

say that the Leghorns alone will do this, for we had others do just as well. We only want to impress the fact that it pays to invest in something nice, give them every attention possible and then enjoy the results.

In all the vocations of life there is nothing gained without more or less labor. But for the farmer we claim there is more clear money made from a flock of pure-bred fowls than from any one other investment with so small a capital at stake.—Mrs. A. Krutsinger, in National Stockman and Farmer.

# True Philanthropy.

the best growth for each chick. For with the brood all running together, all about of a size, no one chick is likely to had some little care, but now they are had some little care, but now they are riods, a sample of the remedy that cured

horns.

position.

Sample gallon \$1.50, express prepaid. Larger quantities at reduced prices. Send for copies of booklets, "Piggie's Troubles," and "Veterinary Advisor." They are free.

# They Don't Get the Cholera.

By using our powerful disinfectant to kill lice and keep the skin clean and healthy, destroy disease germs and make the pens and yards sanitary, the chances are ten to one your hogs will escape contagion. Use the ounce of prevention, save the pound of cure.

If you have not read this in time and signs of cholera have appeared, divide the herd and arrest its progress. You can do it. No need to fail, What shall you use? The U.S. Government Experiment Stations use

Great live stock expositions use it, experienced hog raisers everywhere use it. They all say it does the work. Their experience ought to count for something. Hadn't you better be guided by it? It may mean nothing less than saving your entire herd of hogs.

ZENNER DISINFECTANT CO.,

61 Bates Street, Detroit, Mich. 61 Exchange Ave., Union Stock Yards, Chicago, Ilis.

### lowa's Greatest State Fair.

(Continued from page 898.)

Moore, Cameron, Mo.; John B. Irwin, Minneapolis, Minn.

Bull, 3 years or over-First, W. B. Barney & Co.; second, John B. Irwin; third, E. Moore.

Bull, 2 years and under 3—First, W. B. Barney & Co.; second, John B. Irwin. Bull, 1 year and under 2—First, John B. Irwin; second, W. B. Barney & Co.; third,

Bull calf under 1 year-First and fifth W. B. Barney & Co.; second and third, John B. Irwin; fourth, M. E. Moore.

John B. Irwin; fourth, M. E. Moore.
Cow, 3 years or over—First and third,
W. B. Barney & Co.; second and fifth,
M. E. Moore; fourth, John B. Irwin.
Helfer, 2 years and under 2—First and
third, John B. Irwin; second and fifth,
M. E. Moore; fourth, W. B. Barney & Co.
Helfer, 1 year and under 2—First and
third, John B. Irwin; second, M. E. Moore;
fourth, W. B. Barney & Co.
Helfer calf under 1 year—First and fifth,
W. B. Barney; second, third, and fourth,
John B. Irwin.

W. B. Barney; second, third, and fourth, John B. Irwin.
Exhibitors' herd—First and fourth, W. B. Barney ω Co.; second, John B. Irwin; third, M. E. Moore.
Get of sire—First and fourth, John B. Irwin; second, M. E. Moore; third and fifth, W. B. Barney & Co.
Produce of cow—First, John B. Irwin; second, M. E. Moore.
Sweenstakes bull. any age—W. B. Bar-

Sweepstakes bull, any age-W. B. Barney & Co. Sweepstakes cow, any age—W. B. Bar-

ney & Co.

. JERSEY EXHIBITORS AND AWARDS.

Rolla Oliver, Dearborn, Mo.; W. L. Hunter, Lincom, Neb.; Nora Baldwin, Mt. Vernon, Iowa; J. E. Robbins, Greenburg, Ind. Bull, 3 years or over—First and fourth, J. E. Robbins; second and third, W. L.

J. E. Robbins; second and third, W. L. Hunter & Smith.
Bull, 2 years and under 3—First, J. E. Robbins; second, Rolla Oliver; third, W. L. Hunter & Smith; fourth, Nora Baldwin.
Bull, 1 year and under 2—First, J. E. Robbins; second, Rolla Oliver; third, W. L. Hunter & Smith.
Bull calf under 1 year—First and second, J. E. Robbins; third and fourth, W. L. Hunter & Smith.

Hunter & Smith.

Cow, 3 years or over—First, J. E. Robbins; second, fourth, and fifth, Rolla Oliver; third, W. L. Hunter & Smith.
Cow, 2 years and under 3—First, J. E. Robbins; second. Rolla Oliver; third, W. L.

Honoins; second, Rolla Oliver; third, W. L. Hunter & Smith; fifth, Nora Baldwin. Helfer, 1 year and under 2—First and third, J. E. Robbins; second, Rolla Oliver; fourth and fifth, Nora Baldwin. Helfer calf under 1 year—First, W. L. Hunter & Smith; second and fourth, J. E. Robbins; third, Rolla Oliver; fifth, Nora Baldwin.

Baldwin.
Exhibitors' herd—First, J. E. Robbins; second, Rolla Oliver; third and fifth, W. L. Hunter & Smith; sixth, Nora Baldwin. Breeders' young herd—First, J. E. Robbins; second, W. L. Hunter & Smith. Get of sire—First, Rolla Oliver; second, J. E. Robbins, third, W. L. Hunter & Smith; fourth, Nora Baldwin.
Produce of cow—First and fourth, Rolla Oliver; second, J. E. Robbins; third, W. L. Hunter & Smith; fifth, Nora Baldwin. Sweepstakes bull—J. E. Robbins.
Sweepstakes cow—J. E. Robbins.

# FAT STOCK PRIZE-TAKERS.

Steer, spayed or martin heifer, 2 years and under 3—First, Geo. P. Henry, Goodenow, Ill.; second, A. C. Binnie, Alta, Iowa; third, Wm. Smiley, Malcom, Iowa. Prince Edward, the first prize winner, is a Hereford and was a champion steer at the International Stock Show in Chicago last year. In this class, the Iowa class winners were: A. C. Binnie, Wm. Smiley, and W. B. Seeley, Mt. Pleasant, Iowa, in the order named. the order named.

the order named.

Steer, spayed or martin heifer, 1 year and under 2—First, Geo. P. Henry; second, A. C. Binnie; third, Silas Igo, Palmyra, Iowa. Iowa class—First, A. C. Binnie; second, Silas Igo; third, T. J. Ryan & Son, Irwin, Iowa. The winner in the Iowa class is a handsome Polled Angus.

is a handsome Polled Angus.

Steer, spayed or martin helfer, not over

36 months—First, Geo. E. Williamson,

Jackson, Minn.; second, A. C. Binnie;

third and fifth, Geo. P. Henry; fourth,

Wm. Smiley; sixth, W. J. Miller, Metz,

Iowa. The winners in the Iowa class are

A. C. Binnie, Wm. Smiley, and W. J.

Miller in the order named.

Group of three head steers not over 36

Group of three head steers, not over 36 months—First, Geo. P. Henry; second, A. C. Binnie; third, Wm. Smiley. Sweepstakes steer-Geo. P. Henry.

# GRAND BEEF HERD.

Best breeding herd of thoroughbred catthe of any distinct breed, consisting of one bull, 2 years or over; one cow, 3 years; one helfer, 2 years and under 3; one helf-er, 1 years and under 2; one helfer, under 1 year, belonging to one individual or firm

# EXHIBITORS AND AWARDS.

Shorthorns, G. M. Casey, Clinton Mo. Herefords: J. A. Funkhouser, Plattsburg, Mo. J. C. Adams, Mowequa, Ill. Angus: C. H. Gardner, Blandinsville, Ill. Galloways: E. H. White, Estherville,

Iowa.

As placed by the judge the herds stood

as follows:
First, G. M. Casey, Shorthorns; second,
J. A. Funkhouser, Herefords; third, C. H.
Gardner, Aberdeen-Angus; fourth, E. H.
White, Galloways; fifth, J. C. Adams, Herefords.

This was one of the grandest exhibits ever made on this continent and is notable as being the first one in which the Galloway breed has been shown. While the

Shorthorns were given first place it must be remembered that the prize was won by an already famous herd; that it was won in the very center of the Shorthorn breeding district, and that it was won by but a narrow margin. Any breeder who sh in this ring has much to be proud of.

### GRAND DAIRY HERD.

Best breeding herd of thoroughbred cat-tle of any distinct breed or age, consisting of one male and four females belonging to one individual or firm.

### EXHIBITORS AND AWARDS.

The winner in the grand dairy herd con-

The winner in the grand dairy herd contest was the herd owned by J. E. Robbins, Greensburg, Ind.

Ryan's Master of the Ring was declared champion of Iowa over the other Iowa male prize-winners in a separate contest. Similarly, Christmas Gift, owned by A. Alexander, Morning Sun, Iowa, was declared the champion female of the State.

### HOG DEPARTMENT.

The hog department, like the cattle, was crowded to overflowing. The exhibits were so numerous and large that it was nec-essary to give over to the exhibitors of Chester Whites and a few Poland-Chinas the pen reserved for the judges' use in awarding premiums.

There were 103 separate exhibits, and a total of 1.711 hogs, divided as follows: Poland-Chinas, 777; Duroc-Jerseys, 403; Chester Whites, 366; Berkshires, 165. The exhibits came from all over Iowa and the adjoining States, and were said to include a finer lot of swine than was on exhibition at the Iowa State Fair for a number of years, if indeed it has ever been excelled. This is particularly true in regard to the high standard of breeding, in the opinion

of the judges.

Prof. F. R. Marshall, Ames, and John Harcourt, New Augusta, Ind., judged the swine, to the manifest satisfaction of the exhibitors.

### POLAND-CHINA EXHIBITORS AND AWARDS.

POLAND-CHINA EXHIBITORS AND AWARDS.

E. Alphonso, Sigourney, Iowa; H. A. Willard, Grundy Center, Iowa; M. W. Bateman, Monoe, Iowa; J. W. Blackrord, Hillsboro, Iowa; Marsh Black, Knoxville, Iowa; E. C. Blauer, Mt. Ayr, Iowa; E. P. Crane, Monroe, Iowa; C. H. Drake, Birmingham, Iowa; W. L. Clark, Jessup, Iowa; G. L. Dorothy, Blakesburg, Iowa; H. S. Clark, Logan, Iowa; T. R. Fenton, Marcus, Iowa; L. A. Clark, Winfield, Iowa; H. L. Felter, Washta, Iowa; S. P. Chiles, North English, Iowa; W. S. Hart, Panora, Iowa; J. M. Cox, Harlan, Iowa; Wm. Kirk, Logan, Iowa; John Francis & Sons, New Lenox, Ill.; John H. Gibbons, North English, Iowa; W. R. Hakes, Williamsburg, Iowa; T. J. Harris, West Liberty, Iowa; W. E. Heyl, Washington, Ill.; J. G. Masadam, Pella, Iowa; Harvey Johnson, Logan, Iowa; Chas. Merz, Sigourney, Iowa; F. D. Kenworthy, Avon, Iowa; J. A. Mason, Clarkson, Iowa; A. J. Lytle, Oskaloosa, Iowa; E. M. Metzger, Pella, Iowa; P. B. Lake, Muscatine, Iowa; B. L. Manwell, LaPorte City, Iowa; P. O'Shea, Cascade, Iowa; W. M. Rohe, Jessup, Iowa; Wm Pedrick & Son, Ottumwa, Iowa; Geo, D. Persons, Panora, Iowa; M. I. Shaw, Monroe, Iowa; M. W. Reed, Whitewater, Wis.; E. A. Seaba, Sigourney, Iowa; W. G. Stevenson, Knoxville, Iowa; M. G. Stevenson, Knoxville, Iowa; Strater Bros., Monroe, Iowa; Tom Stevenson, Norwood, Iowa; W. Z. Swallow, Booneville, Iowa; Watson B. Turner, Maxwell, Iowa; H. G. Thornburg, Linden, Iowa; Willard Zeller, Bagley, Iowa.

Boar, 2 years and over—First, M. W. Beed: second T. I. Harris, third P.

Boar, 2 years and over—First, M. W. Reed; second, T. J. Harris; third, P. O'Shea. Reed:

Boar, 1 year and under 2-First and third, Winn & Mastin: second, B. L. Manwell. Boar, 1 year and under—First, Winn & Mastin; second, C. H. Swinney; third, T. J.

Boar, 6 months and under-First, T. J. Harris; second, Strader Bros.; third, Harvey Johnson.

Sow, 2 vears and over—First and third, M. W. Reed; second, T. J. Harris, Sow, 1 year and under 2—First, second, and third, Winn & Mastin.

Sow, over 6 months and under 1 year. First and second, S. P. Chiles; third, Winn Mastin.

Sow, under 6 months—First, T. J. Harris; second, E. M. Metzger; third, E. G. Pace. Herd, boar and three sows over 1 year— First and second, Winn & Mastin; third,

Same, bred by exhibitor-First, second, and third, Winn & Mastin.
Same, under 1 year—First, S. P. Chiles; second, Winn & Mastin; third, Thos. Ste-

Four swine, get of one boar-First, Winn & Mastin; second, S. P. Chiles; third, Thos. Stevenson.

Four swine, produce of one sow-First, T. J. Harris; second, E. M. Metzger; third,

Sweepstakes boar, any age-Winn & Mas-Sweepstakes boar, any age, bred by ex-

hibitor—Winn & Mastin.
Sweepstakes sow, any age—Winn & Mas-

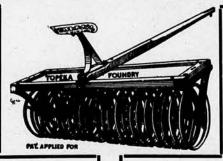
Sweepstages sow, any age, bred by exhibitor-Winn & Mastin. DUROC-JERSEY EXHIBITORS AND

AWARDS. H. S. Allen, Russell, Iowa; W. L. Bon-H. S. Allen, Kussell, Iowa; W. L. Bonnett, Birmingham, Iowa; Geo. Briggs & Sons, Clay Center, Neb.; L. P. & C. M. Carr, Birmingham, Iowa; Wm. Fraker, Newton, Iowa; Ray Griffith, West Liberty, Iowa; J. W. Greenfield, New London, Iowa;

# What the Best Farmers in the State are Saying About Our Packer.

We have used your packer to good advantage on garden, potato and alfalfa land, and have talked it up and loaned it. We are all pleased with the work it does, especially those who put in alfalfa, roiling before and after seeding, as it insures a good stand. When we harvest our potato crop, will report yield, which I am sure will be much larger than if we had not used your Packer. The time is near when every farmer in the sub-arid region must rely on such an implement or continue to only half succeed or fall entirely. Wishing you success, I am, Yours truly,

North Topeka, Kans.,
March 21, 1902.
It gives me pleasure
to tell you of my entire
satisfaction with the
work of your Pulverizer
and Packer I bought of
you two years ago. Indeed I was satisfied of
its value before I bought
it, but was deterred for
some time because it
seemed like a good deal
of money to invest in an
implement used so little, but now I am equally confident that I can
not afford to farm without it. Wishing you the
success which your enout it. Wishing your ensuccess which your enterprise merits, I remain, Very respectfully, FRANK J. ADAMS.



Linwood, Kans.,

March 6. 1902.

I can not recommend your Packer too highly. I praise it both in my potato crop and corn crop of 1901. Our greund was all timothy sod, and we used the Packer more than the harrow in getting the ground in order and raised a good crop for a dry season. Your Packer is an essential iplement to every farmer, and our neighbors appreciate a good farm tool by borrowing it to use on their listed corn and preparing a fine seed bed for wheat. Hoping you meet success, I am, Yourstruly, H. B. BROWNING.

We have used one of your Packers during the present season. It does good work. Would not do without it. Yours truly, (Used on Wakarusa Farm.)

Den t Wait until you need it to order it er you will get left.

Address, TOPEKA FOUNDRY, Topeka, Kansas

Hussman & Harman, LaPorte City, Iowa; John Henderson, Panora, Iowa; R. E. Hyer, Knoxville, Iowa; Johnson Bros., Brooklyn, Iowa; A. L. Lynch, Mt. Ayr, Iowa; G. A. Munson, Maxwell. Iowa; J. H. Menzel, Hazleton, Iowa; David Nauman, West Liberty, Iowa; M. W. Reed, Whitewater, Wis.; J. Roghair, Orange City, Iowa; Roycroft Stock Farm, Des Moines, Iowa; Gilbert Van Patten, Sutton, Neb.; O. N. Woody, Reasnor, Iowa; Wallace Bros., LaPorte City, Iowa; W. L. Willey, Menlo, Iowa; J. C. Woodburn, Orrsburg, Mo.

Boar, 2 years and over—First, Johnson

Boar, 2 years and over-First, Johnson Bros.; second, L. P. & C. M. Carr; third, Wm. Fraker.

Boar, 1 year and under 2-First, Gilbert Van Petten; second, Johnson Bros.; third, M. W. Reed.

Boar, 6 months and under 1 year—First, W. L. Bonnett; second, David Nauman; third, L. P. & C. M. Carr.

Boar, under 6 months-First, David Nauman; second, Ray Griffith; third, Johnson

Sow, 2 years and over—First, J. W. Greenfield & Son; second and third, Gilbert Van Patten.

Sow, 1 year and under 2—First, Briggs & Son; second, Gilbert Van Patten; third, Johnson Bros.

Sow, 6 months and under 1 year-First, J. Roghair; second, Geo. Briggs & Son; third, Gilbert Van Patten. Sow, under 6 months—First, Geo. Briggs & Son; second, J. C. Woodburn; third, Gil-

bert Van Patten. Herd, boar and three sows over 1 year— First, Johnson Bros.; second, Gilbert Van

First, Johnson Bros.; second, Gilbert Van Patten; third, Geo. Briggs & Son. Herd, boar and three sows, bred by exhibitor—First, Gilbert Van Patten; second, John Henderson; third, Geo. Briggs & Son. Herd, boar and three sows under 1 year—First, W. L. Bonnett; second, W. L. Willey; third, Johnson Bros. Same, bred by exhibitor—First, W. L. Bonnett; second, W. L. Willey; third, Johnson Bros.

son Bros.

Four swine, get of same boar—First, W. L. Bonnett; second, Geo. Briggs & Son; third, J. A. Munson.

Four swine, get of same sow, under 6 months—First, J. A. Munson; second, Johnson Bros.; third, Geo. Briggs & Son. Sweepstakes boar, any age—Johnson

Boar, any age, bred by exhibitor—Gilbert Van Patten.

Sow, any age—J. W. Greenfield. Sow, any age, bred by exhib Briggs & Son. age, bred by exhibitor-Geo.

Grand sweepstakes, boar and four sows, any breed, 1 year old, bred and owned by exhibitor—Gilbert Van Patten.

# CHESTER WHITE EXHIBITORS AND

H. S. Allen, Russel, Iowa; E. J. Browhard, Colo, Iowa; Dorsey Bros., Perry, Ill.; B. M. Eastburn & Son, South Ottumwa, Iowa; F. D. Humbert, Nashua, Iowa; R. E. Hyer, Knoxville, Iowa; Harding Bros., Lima, Ohio; P. B. Lake, Muscatine, Iowa; J. A. Loughbridge, Delta, Iowa; Will Michael, Selma, Iowa; S. B. Mills, Ames, Iowa; G. H. Orcutt, Monroe, Iowa; L. C. Reese, Prescott, Iowa; J. L. Stittsworth, Knoxville, Iowa; B. R. Vale, Bonaparte, Iowa; Wm. Whitted, Monroe, Iowa.

Boar, 2 years and over—First, Dorsey Bros.; second, Will Michael; third, B. R. Vale. H. S. Allen, Russel, Iowa; E. J. Brow-

Boar, 1 year and under 2—First, L. C. Reese; second, Harding Bros.; third, Dorsey Bros.

Boar, over 6 months and under 1 year First and third-Dorsey Bros.; second, F. Boar, under 6 months-First, Harding

Bros.; second, Orcutt Bros.; third, B. R. Sow, 2 years and over-First, Dorsey Bros.; second, Harding Bros.; third, L. C.

Sow, 1 year and under 2-First, Dorsey

# \$25.00

# California

And to Prescott, Phoenix and Many Other Points in Arizona

Tickets on sale daily during September anu October.

Through tourist sleepers and free chair cars every day.

Personally conducted excursnons three times a week.

Liberal stop-over privileges in California.

See California's citrus groves, oil wells, ranches, vineyards, big trees, mines.

California has productive lands, perfect climate, good markets.

The rich San Joaquin Valley is an open door of opportunity for the hustler.

T. L. KING, Agent, Derot, Or T. M. JAMES, N. Topek.



(Double Reflex)

Adjustable to wash from handlerchiefs to heavy blankets. (No morouse for the wash board.) Washes in one minute what it takes my other machine fifteen minutes. Noted for its easy running, case on clothing, running, reason of the more what wante metal, thus insurproved Gee Whiss Machines are lined with galler was the lowest wholeast price. Guaranteed we entire astisfaction. It was price, Guaranteed we entire astisfaction. It was write for current astisfaction. It was not considered to the current astisfaction as not considered to the current astisfaction. It was not considered to the current as not considered to the current astisfaction. It was not considered to the current as not considered to the current as not consid

Bros.; second, L. C. Reese; third, F. D.

Sow, over 6 months and under 1 year—First; Dorsey Bros.; second, Harding Bros.; third, F. D. Humbert. Sow, under 6 months—First, L. C. Reese; second, Harding Bros.; third, Orcutt Bros.

Herd, boar and three sows over 2 years—
First, Dorsey Bros.; second, L. C. Reese;
third, B. R. Vale.
Same, bred by exhibitor—First, Dorsey
Bros.; second, Harding Bros.; third, L. C.

Heese.
Herd, boar and three sows under 1 year—
First, Dorsey Bros.; second, F. D. Humbert; third, B. R. Vale.
Same, bred by exhibitor—Same winners.
Four swine, get of same boar, bred by
exhibitor—First and second, Dorsey Bros.;
third, F. D. Humbert.
Four swine get of same sow, under 6

Four swine, get of same sow, under 6 months—First, F. D. Humbert; second, Harding Bros.; third, B. R. Vale.
Sweepstakes boar, any age—Dorsey Bros.
Boar, any age, bred by exhibitor—Dor-

sey Bros.
Sow, any age—Dorsey Bros.
Sow, any age, bred by exhibitor—Dorsey

### BERKSHIRE EXHIBITORS AND AWARDS.

C. F. Cassady & Son, Denison, Iowa; J. H. Dehner, Cascade, Iowa; W. F. Dietrich, Menlo, Iowa; Wm. Hesseltine, Coppock, Iowa; F. H. Houghton, Albion, Iowa; W. O. Knapp, Monteith, Iowa; J. A. Loughbridge, Delta, Iowa; B. B. Leonard, Holstein, Iowa; E. H. McCutcheon, Holstein, Iowa; T. W. Miller, Menlo, Iowa; W. D. McTavish, Coggon, Iowa; Geo. S. Prine, Oskaloosa, Iowa; Thos. Teal & Son, Uttica, Iowa.

Boar, 2 years and over—First, B. B. Leonard; second, F. H. Houghton; third, J. H. Dehner.

Boar, 1 year and under—First, E. H. Mc-Cutcheon; second, W. D. McTavish; third, Geo. S. Prine.

Boar, 6 months and under 1 year—First, W. D. McTavish; second and third, Thos. Teal & Son.

Teal & Son.

Boar, under 6 months—First and second,

B. B. Leonard; third, E. H. McCutcheon.

Sow, 2 years and over—First, E. H. McCutcheon; second, B. B. Leonard; third,

T. W. Miller. Sow, 1 year and under 2—First. Thos. Teal & Son; second, E. H. McCutcheon. Sow, 6 months and under 1 year-First and second, Thos. Teal & Son; third, W. D. McTavish.

Herd, boar and three sows, over 1 year— First, E. H. McCutcheon; second, F. H.

First, E. H. McCutcheon; second, F. H. Houghton; third, B. B. Leonard.
Same, bred by exhibitor—First, F. H. Houghton; second, B. B. Leonard.
Herd, boar and three sows, under 1 year—First, Thos. Teal & Son; second, W. D. McTavish; third, B. B. Leonard.
Same, bred by exhibitor—Same winners. Four swine, from same boar, bred by exhibitor—First, Thos. Teal & Son; second, Geo. S. Prine; third, W. D. McTavish.
Four pigs, under 6 months, produce of same sow—First, Thos. Teal & Son; second, Wm. Hesseltine; third, B. B. Leonard.

Sweepstakes boar, any age-E. H. Mc-

Same, bred by exhibitor—B. B. Leonard. Sweepstakes sow, any age—E. H. Mc-Cutcheon.
Same, bred by exhibitor—E. H. Mc-Cutcheon.

### HORSE DEPARTMENT. CLYDESDALES.

Stallion, 4 years and over—First, J. E. Miller. ENGLISH SHIRES.

Stallion, 4 years and over—First and second, Truman Bros.; third, Finch Bros. Stallion, over 3 years and under 4—First and second, Finch Bros; third, J. E. Miller.
Stallion, over 2 years and under 3—First and third, Finch Bros.; second, Truman Bros.

Stallion, 4 years and over—First, McLaughlin Bros.; second and third, Lefebure & Son.
Stallion, over 3 years and under 4—All won by Lefebure & Son.
Stallion, over 2 years and under 3—First, Lefebure & Son.
Stallion, over 1 year and under 2—First and second, Lefebure & Son.
Horse foal—First, Lefebure & Son; second, J. E. Miller,
Mare, over 4 years—First and second, J. E. Miller; third, Lefebure & Son.
Filly, over 3 years and under 4—First and second, J. E. Miller,
Filly, over 2 years and under 3—First, J. E. Miller; second, Lefebure & Son.
Filly, over 1 and under 2—First and second, Lefebure & Son; third, J. E. Miller,
Mare foal—First, J. E. Miller. Stallion, 4 years and over—First, Mc-aughlin Bros.; second and third, Lefe-

Four or more colts, get of same stallion J. E. Miller. -J. E. Miller.
Two or more colts, produce of same mare—J. E. Miller.

MORGANS. MORGANS.

Stallion, 4 years and over—First and third, J. C. Brunk; second, J. J. Lyons.

Stallion, over 2 years and under 3—First, J. C. Brunk; second, J. J. Lyons.

Stallion, over 1 year and under 2—First and second, Cassidy.

Horse foal—First, Cassidy.

Mare, over 4 years—First, J. C. Brunk.

Filly, over 3 years and under 4—First, Cassidy.

Filly, over 2 years and under 3—First, J. C. Brunk.

Filly, over 1 year and under 2—First, Filly, over 1 year and under 2—First,

J. C. Brunk.
Filly, over 1 year and under 2—First,
Filly, over 1 year and under 2—First,
Cassidy; second and third, J. J. Lyons.
Four or more colts, get of some stallion

J. J. Lyons. or more colts, get or same mare-

AMERICAN COACH.

AMERICAN COACH.

Stallion, 4 years and over—First, R. S. Ross; second, Peak & Son; third, J. C. Brunk.

Stallion, over 3 and under 4—First, R. S. Ross; second, J. J. Manbeck; no third.

Stallion, over 2 and under 3—First, J. C. Brunk; no second or third.

Stallion, over 1 and under 2—First, Peak & Son; second, L. L. Cassidy; third, R. S. Ross.

Stallion, over 1 and under 2—First, Peak & Son; second, L. L. Cassidy; third, R. S. Ross.

Horse foal—First, Peak & Son; second, L. L. Cassidy; no third.

Mare, over 4 years—First and second, Peak & Son; third, J. C. Brunk.

Filly, over 3 and under 4—First and second, Peak & Son; third, R. S. Ross.

Filly, over 2 and under 3—First and second, Peak & Son; third, J. B. Gracey.

Filly, over 1 and under 2—First R. S. Ross; second, Peak & Son; third, M. H. Campbell.

Mare foal—First, Peak & Son; second, R. S. Ross; no third.

Four or more colts, get of same stallion—Peak & Son.

Four or more colts, get of same mare—Peak & Son.

ENGLISH COACH BREEDS—CLEVE—

ENGLISH COACH BREEDS-CLEVE-LAND BAY AND HACKNEY. Stallion, 4 years and over-First, Truman

Bros.
Stallion, over 3 and under 4—First, Finch
Bros.; no second or third.
Stallion, over 2 and under 3—First, Finch
Bros.; no second or third.
Mare, over 4 years—First, Peak & Son;
no second or third.
FRENCH AND OLDENBURG OR GERMAN COACH.

Stallion, 4 years and over—First, Mc-Laughlin Bros.; second R. Luncheon; third, J. B. Horner. Stallion, over 3 and under 4—First, Mc-Laughlin Bros.; second, Luncheon Bros.; no third.

JACKS AND JENNETS. Jack, 4 years and over—First, G. M. Scott; second, A. Dutton & Son; third, Mc-Laughlin Bros.
Jack, 2 years and over—First and second, G. M. Scott; third, Heyl.
Jack, 2 years and over—First and second, Scott Jack, 2 years and over—First and third,
Jack, 1 year and over—First and third,
Dutton; second, Scott.
Jack colt—First and second—Dutton.
Jennet, 4 years and over—All won by Dut-

Jennet, 3 years and over—First, Scott; second, Dutton.

Jennet, 2 years and over—First and second, Scott.

Jennet, 1 year and over—First and second,
Dutton.
Jennet colt—First, Dutton.

## NOTABLE HORSE EXHIBITS.

The draft-horse display was the best made for many years, being notably strong in the Shire and Percheron classes.

While the display was large in numbers, the individual excellence of the animals shown was superior to previous exhibitions. The magnificent new stock pavilion was such an ideal place for the showing of horses that public interest was centered in these splendid draft-horse exhibits in a manner never before experienced during the awarding of premiums.

The draft and other classes were judged by F. J. Berry, of Chicago, to the entire satisfaction of exhibitors and spectators.

M'LAUGHLIN BROS. EXHIBIT.

Stallion, over 2 years and under 3—First and third, Finch Bros.; second, Truman Bros.

Finch Bros. won all the remaining premiums in this class.

PERCHERONS AND FRENCH DRAFTS.

Stallion, 4 years and over—First and third—McLaughlin Bros.; second, Truman Bros.

Stallion, over 3 years and under 4—First and second, McLaughlin Bros.; third, Truman Bros.

Stallion, over 2 years and under 4—First and second, McLaughlin Bros.; third, Truman Bros.

Stallion, over 2 years and under 3—First and second, McLaughlin Bros.; third, Truman Bros.

Stallion, over 2 years and under 3—First, and second, McLaughlin Bros.; third, Suan & Peck.

Stallion, over 1 year and under 2—First, McLaughlin Bros.; second, E. B. Converse; third, S. C. Morris.

Horse foal—First, W. W. Ellis & Co., Filly, over 1 year and under 4—First, W. W. Ellis & Co., Filly, over 2 years and under 4—First, W. W. Ellis & Co., Filly, over 3 years and under 4—First, W. W. Ellis & Co., Filly, over 2 years and under 3—First, W. W. Ellis & Co., Filly, over 2 years and under 3—First, W. W. Ellis & Co., Filly, over 2 years and under 2—First and second, S. C. Morris.

Mare foal—First, Swan & Peck.

Four or more colts, get of same stallion—McLaughlin Bros.

Two or more cots, produce of same mare—Same winner.

BELGIANS.

Finch Bos. EXHIBIT.

Finch Bros., Verona, Ill., showed nineteen head of English Shire horses, on which they won eighteen prizes. In the aged stallion class they received 3d prize on Prince Henry, a half-brother to Jim Corbett, who is one of their famous herd studs.

In the 3-year-old stalmons they won ist on Commodore of Verona and 2d on Lincoln. In the 2-year-old class they won ist on Roosevelt, a son of Jim Corbett. He also won first in class at the International for 1901. He is one of the most sensational horses in their entire exhibit, and attracted more attention than perhaps any other the Shire stallion. In the same ring they won 3d prize on Brown Prince.

In the yearling-stallion class they secured all prizes offered. First on Springdale Pride, a brother to Roosevelt, second on Jollet Pride, and third on Verona Thumper. Aged mare class—Gussle first, and she was also winner of first in this class at the last International. Second, Queen of the Farm, also winner of second at Chicago.

In 3-year-old mares, Ringlet took first. In 2-year-old mare, first on Glory of Verona and 2d on Brown Queen.

# Marshall County Hereford Breeders' Association.

President, Wm. Bommer, Marietta. Vice President, Wm. Acker, Vermillion. Secretary, E. E. Woodman, Vermillion.

Treasurer. F. J. Faulkner. Cottage Hill.

The President, the Secretary, Fred Cottrell, Irving; Chas. Drennan, I. D. Yarick, Blue Rapids; J. H. Whiting. Frankfort; B. M. Winter, Irving.

First Annual Sale at Blue Rapids, November 18 and 19, 1902

SUNNY SLOPE TOM 14th AT HEAD. Contributor to Annual Sale Marshall County. Hereford Association. A. H. BIRD, AXTELL, KANSAS.

Weston Stamp Herd HEREFORD CATTLE REGISTERED.... HEREFORD CATTLE Anxiety 4th females with Weston Stamp 9th at head. Centributer to Annual Sale Marshall County Herefo d Association.

WM. ACKER, Vermillion, Kansas.

# Capital Bluff Stock Farm PURE-BRED

HEREFORDS. Saechalaureate 81587, bred by Gudgell & Simpson at head of herd. Write for prices now. Contributor to Annual Sale Marshall County Hereford Association.

I. D. YARICK, Blue Rapids, Kansas,

When writing advertisers please mention this paper.

# Wild Tom Herefords, VERMILLION HEREFORD CO.

VERMILLION, KANSAS.

Imported Alberta 2d blood. Boatman 56011 at head of herd. A few excellent, young bulls for sale.

Contributor to Marshall Co. Hereford Ass'n Annual Sale. E E. WOODMAN, VERMILLION, KANS.

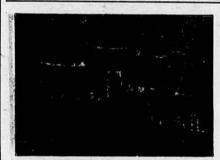
# Spring Branch Herd Original Stooks & Sons HEREFORDS.

Alliant females with Jim Wilton 106761 at head.
MRS. A. J. STOCKS and C. D. HOLMES,
OWNERS,
Address C. D. Holmes, Mgr., Blue Rapids. Kas.
Contributors to Annual Sale Marshall County
Hereford Association.

# Ash & Creek & Herd REGISTERED HEREFORDS

Anxiety 4th females with Edwards 113325 at head

WM. BOMMER, Marietta, Kas. Contributor to Annual Sale Marshall County Hereford Association.



# Pearl Shorthorns.

YOUNG BULLS FOR SALE sired by the Cruickshank bulls La-fitte 119915, and Baron Ury 2d 124970, ranging in age from 8 months to 2

Inspection invited

C. W. TAYLOR, Pearl, Dickinson Co., Kans.

# SCOTT & MARCH

# EREFORDS

BELTON, CASS COUNTY, MO.

BULLS in service, HESIOD 29th 64804, Imp. RODERICK 80155, MONITOR 58275, EXPANSION 98442, FRISCOE 98674, FULTON ALAMO 11th 88731. 25 miles south of Kansas City on Frisco: Ft. Scott & Memphis; and K. C., P. & G. Railroads

Yearling filly—First on Black Beauty and first on sucking filly Lady Jollet. The prize of \$10 and silver medal for get of stallion, four or more colts, either sex, was awarded to the get of the stallion Col. Bryan, They also received the prize of \$10.00 and silver medal on produce of mare, two or more colts.

J. H. TRUMAN & BROS.' EXHIBIT.

The Truman Bros., Bushnell, Ill., made a handsome exhibit of English Shires, Percherons and Hackneys. In the aged-stallion and the stallion of the stal

IOWA STATE FAIR NOTES.

Winn & Mastin, of Mastin, Kans., were the largest exhibitors of Poland-Chinas, entering in every class and capturing many first and second premiums, besides sweepstakes on boar of any age, boar bred by exhibitor, sow of any age and sow bred by exhibitor. They have on their Kansas farm upwards of 800 registered Poland-Chinas, all of their own breeding.

One of the unique sights in the arena

1902 is as follows:			
	Exhib		1901
Poland-Chinas	itors.	No. 777 403 366 165	No. 646 246 359 109
	102	1,711	1,360

THE HEREFORD SALE.

The sale of Hereford cattle at the Iowa State Fair, under the auspices of the American Hereford Breeders' Association, was quite satisfactory. Seventy-seven animals were cosposed of at an average price of \$255.00; Gudgell & Simpson, \$286.43; Steele Bros., \$174.00, and Armour, \$336.00. These are among the better known and more representative breeders, and while the prices realized were not high, these breeders have the satisfaction of knowing that they have sold cattle here which would not have been sold under other circumstances, and have thus planted seed for future business in the very midst of the Shorthorn country, where the Herefords are not so well knowle.

### WEEKLY WEATHER CROP BULLE. TIN.

Weekly weather crop bulletin for the Kansas Weather Service, for the week ending September 9, 1902, prepared by T. B. Jennings, Section Director:

### GENERAL CONDITIONS.

A much cooler week than the past several weeks, tthe temperature failing to reach 100 degrees during the week. Abundant rains have failen in the eastern third of the State, with light showers in the western two-thirds; the rainfall was decidedly excessive in Neosho and Verdigris valleys, the fails ranging from three to five inches. Johnson reports light frost on low ground on the 4th, and Republic reports light frosts on the 2d, 4th, and 6th.

### RESULTS EASTERN DIVISION.

EASTERN DIVISION.

Corn is filling well and maturing nicely in the northern counties, and some has been cut; cutting has been retarded in the central counties by wet weather and is about finished in the southern. Prairie haying is progressing well in some ceunties, but in many it is being delayed by wet weather; the crop is heavy. Much alfalfa has been damaged by the wet weather in Shawnee, and but little seed was saved in Chase. Potatoes are rotting in the ground in several of the wet counties, and in Elk some are beginning their second growth. Wheat and rye sowing (drilling) has begun in the southeast part of Shawnee. Some threshing has been done in Linn, but in general the weather has been too damp; some wheat and oats have begun to sprout in the stack in Johnson, and some wheat in Coffey, while much hay and wheat in the stack in Chase have been damaged by the wet weather. Flax in fields is nearly ruined in Franklin, and in Greenwood much has rotted. The seed crop of clover in Johnson is light. Sorghum cutting has begun in Montgomery. Apples are fine, and in Brown are being marketed, while in Jefferson they are falling badly. Grapes are being gathered, and in southern part of Shawnee are fine, but a light crop in Johnson. Plowing progressed where the ground was dry enough. Pastures are fine.

Anderson County.—But little fall plowing done, owing to wet ground, which is cov-

Miami-Plowing, haying, threshing, and corn cutting, being done. Montgomery.—Too wet for plowing and unfavorable for haying; sorghum harvest

Montgomery.—Too wet for plowing and unfavorable for haying; sorghum harvest in progress.

Morris.—Part of week too wet for plowing, considerable stubble ground remaining unplowed; corn cutting stopped by rain last of week; cane and Kafir fine.

Nemaha.—Corn filling out well and slowly ripening; millet hay largely spoiled by rain; prairie hay a neavy crop; too wet for fall plowing; pastures fine.

Pettawatomie.—Good week for haying, but rain of 5th fell on much exposed.

Shawnee.—Corn crop unusually heavy, cutting well under way; wheat and ryedrilling begun, with ground in fine condition; haying pushed, crop very heavy; much prairie hay and alfalfa damaged; pastures good and cattle doing well; apples and grapes fine.

Wilson.—Too wet for haying; corn fodder rotting in shock; much wheat ground yet to plow; prairie hay never better; potatoes rotting.

Woodson.—Week unfavorable for haying or corn cutting; corn in shock damaged by wet weather; potatoes rotting in the ground; late corn doing well.

MIDDLE DIVISION.

### MIDDLE DIVISION.

ground; late corn doing well.

MIDDLE DIVISION.

Corn is maturing well in the northern counties, while cutting is nearly finished in the southern. Wheat sowing has begun in many counties, and a large acreage is expected to be put in. In Stafford some early sown rye is up. Some alfalfa has been sown in Smith, and sowing is progressing in Barton; the third crop is being cut in Clay, and the fourth is ready to cut in Cowley. The forage crops are unusually heavy. Pastures are fine. Hayling is progressing, and an excellent crop of hay is being put up. Apples are falling in Sumner and Washington, and the crop is not large in Kingman. Grapes are ripe in the north. Pears are maturing, a heavy crop in Cowley but not large in Kingman. Plowing has progressed where not too wet; in Barber the ground is too dry. Cattle are doing well.

Barber.—Corn cutting nearly completed, large crop; forage crop large and in fairly good condition; soil too dry to plow; cattle on range doing well.

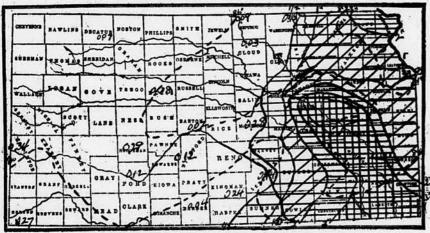
Barton.—Alfalfa sowing in progress; harrowing wheat ground; threshing almost finished.

Clay.—Threshing resumed, with shocked grain in bad condition; fall plowing and

fine.

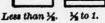
Anderson County.—But little fall plowing done, owing to wet ground, which is covseeding being rushed; ground in good con-

Rainfall for Week Ending September 6.



Maximum temperature shown by broken lines.















Over 3.

ered with heavy growth of grass and weeds requiring much work to prepare for wheat seeding; usual amount of wheat can not now be put in; haying suspended and corn cutting delayed; pastures fine, potatoes rotting.

Brown.—Corn maturing nicely; prairie haying in progress; pastures good; fall apples being marketed.

Chase.—Ground soaked, and all work delayed by rains; much hay and wheat in the stack damaged; corn cutting practically finished; alfalfa promises well for third and fourth crops, but little seed sowed.

Coffey.—Some corn cut and a little hay made; ground too wet to plow; some wheat growing in stack.

Crawford.—Haying going on; showers good, but have retarded haying; corn being cut; some wheat sown, and farmers busy preparing ground for seeding; wheat acreage will be about same as last year.

Doniphan.—Ground in good condition for plowing; corn needs three weeks before frost.

Elk.—Corn being cut; fall pastures good; some potatoes making second growth.

Franklin.—Some threshing done; flax in fields nearly ruined; corn still green, a few have begun to cut, but most of it not ripe enough yet; some hay damaged by rain.

Geary.—Corn cutting mostly done, fodder and the course of the c

Grany.—Corn cutting mostly done, fodder not being quite up to average on account of high winds blowing it down and splitting blades; Kafir beginning to ripen with indications for heavy seed crop; ground in fine condition for putting in wheat.

Greenwood.—Corn doing well; pastures ne; flax mostly rotted; grapes being har-

Jackson.—First of week fair for haying, last of week too wet; cane ripening slowly

vested.
Jackson.—First of week fair for haying, last of week too wet; cane ripening slowly, some being cut.
Jefferson.—Much corn ready to cut; haying nearing completion, but weather not first class; ground fine for fall plowing; apples fine, but many falling; alfalfa seeding delayed by wet ground.
Johnson.—Week cool, light frost on low ground on 4th; corn nearly all out of danger from frost; second crop of clover will be light; wheat and oats in stack sprouting badly; heavy growth of weeds.
Linn.—Some plowing for wheat on uplands, bottom and flat lands too wet; some damage to wheat in stack by excessive rains, some threshing done.
Marshall.—Corn ripening nicely; good week for threshing, haying and plowing, ground being in fine condition; unless frost comes soon, late corn will be large crop; large acreage to be sown to alfalfa and English blue-grass.

dition for seeding; prairie hay and third crop of alfalfa being cut, yield and quality good; Kafir and cane fodder extra heavy crops.

Cloud.—Threshing and plowing being rapidly done; seeding commenced, with ground in fine condition; corn maturing and nearly all out of danger by frost.

Cowley.—Plowing discontinued by rains, but will soon be resumed; ground in excellent condition; pastures fine; fourth crop of alfalfa ready to cut; large acreage of new sown alfalfa up and growing finely; tomatoes and cabbage plentiful. Ellsworth.—Plowing well along and wheat seeding commenced. seeding commenced.

Harvey.—Grass excellent; corn improved; wheat plowing fine.

wheat plowing fine.

Kingman.—Corn cutting about finished; hay crop being gathered; plowing drawing to a close; threshing about finished; potatoes a large crop, but of poor keeping quality; apple and peach crops not large.

McPherson.—Threshing, haying, and plowing, resumed and pushed vigorously. Republic.—On the 2d, 4th, and 6th, light frost, no damage; good plowing conditions, and large acreage of wheat being sown; corn maturing rapidly.

Saline.—Cool week without rain; preparations for wheat not well advanced.

Sedgwick.—Corn proving better than ex-

# W. T. REDMON GRAIN COMPANY,

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# Commission Merchants.

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and meions are abundant in Ford. Cattle are in good condition.

Clark.—Everything improved by rain.

Decatur.—Threshing well under way; forage crops making very heavy growth; much hay of fine quality being put up; fall seeding commenced; corn, where not burned, filling out nicely.

Ford.—Meions very plentiful; alfalfa very good; pastures good.

Gove.—Corn in shock; alfalfa seeding begun; plowing in full progress; grass fine and cattle in good condition; apples a fair crop but falling.

Hamilton.—All vegetation growing well.

Hodgeman.—Some cane fields making second growth; not much threshing done yet; Kafir looking well, and promises to be well seeded.

Lane.—Corn nearly all cut; other feed coming on slowly, but will be good crop, if frost holds off.

Morton.—Light showers help growing fodder crops and short gramma grass.

Thomas.—Threshing resumed; grain sowing in progress.

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I had a cancer the size of a silver dollar on the left side of my face for thirty-five years. I had tried different doctors, burning plasters having been applied and suffering untold agony by their use all to no avail. I had been told by friends and doctors that I could not be cured. I was induced to try Dr. Rinehart's cancer cure, and I am happy to say I am permanently cured. I think his treatment most wonderful, there being no pain to speak of, never losing a moment's sleep on account of the treatment. I will be pleased to answer all letters of inquiry if a stamped envelop is enclosed. I give this testimonial for the benefit of the afflicted and will recommend his treatment to any one a like oommend his treatment to any one a like sufferer. Most respectfully, HENRY NAYLOR.

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# THE MARKETS.

Kansas City Live Stock Markets.

Kansas City, September 8, 1902.
Cattle and sheep receipts at this point last week srowed a moderate decrease when compared with arrivals of the preceding seven days. Cattle receipts were around 56,000 head. The supply of good beeves was ridiculously small, in fact no toppy cattle came in during the entire week. Had choice 1,450-pound steers arrived they would have sold at \$8 or better but they did not come to market. The best price of the week was paid on Thursday when Thos. Ulmer, of Hopkins, Mo., received \$7.35 for a bunch of 1,271-pound steers. The market on beef cattle ruled uneven from day to day but closed a little sironger for the week. Farmers who have toppy cattle on hand at present should have no fear of their not selling to advantage.

Range steers and cows were in good supply Mettern cows showed strength at the

Saline.—Cool week without rain; preparations for wheat not well advanced.
Sedgwick.—Corn proving better than expected; ground just moist enough and plowing being pushed; acreage of wheat will be large.

Smith.—Farmers busy plowing and preparing ground for wheat; some alfalfa sown.

Stafford.—Wheat sowing commenced; Stafford.—Wheat sowing commenced; Sumner.—Plowing nearly all done, busy harrowing; stacks too damp for threshing; apples falling.

Washington.—Corn doing finely, but nights a little cool; prairie-grass very fine; Kafir very good; pastures good and stock doing well; apples badly blown off; grapes ripe.

WESTERN DIVISION.

Much of the corn in the central counties has been cut, but in the north the corn that stood the hot weather is filling finely. Wheat and rye sowing has progressed in some of the counties. Alfalfa sowing has begun in Gove. The forage crops are fine and have made rapid growth, except in the extreme west and southwest, where conditions have not been so favorable. Grass is in fine condition over much of the divison, and in Morton the Bouteloua oligostachya improved after the rain; much hay of fine quality is being put up in Decatur. Apples are a fair crop in Gove,



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winter will be the most profitable form of live stock that a farmer can possess, so ev-ery pig on the place should be fitted up for the feed-lot and not sent in to market until a finished hog.

The week recorded another bad break in lamb prices. Receipts were liberal at all the markets and the proportion of lambs among the Western offerings was the heaviest of the season. This gave buyers ample epportunity to gauge prices of which they readily availed themselves. Lambs broke 50@75c from Tuesday to Friday and closed for the week at the low point of the year. Good Westerns are now selling at \$4.65@4.70 against \$5.25@5.35 seven days ago. Natives have declined in sympathy as did feeding lambs also. Plain grass lambs from south Missouri are now selling at \$3.60@4.25. Owing to the continued strong demand for feeding sheep, packers had no opportunity to bear down excessively upon the sheep market during the week and the loss on mutons did not amount to over 15c. Best wethers are now quoted at \$3.40@3.50 and feeders about 10c below these figures. Ewes are worth \$3@3.25.

Nothing of interest occurred to distinguish the horse and mule trade last week The inquiry from the South was still weal and non-encouraging. Eastern buyer The inquiry from the South was still weak and non-encouraging. Eastern buyers wanted good chunks and there were not chough of such horses on the market to supply the demand. The United States Government bought nearly 100 head of pack mules and shipped them to Fort Riley. Kans.

The egg market eased off a little this week although prices show no material change. Candled stock is worth 15c. Smaller grades of spring chickens are now in demand, the supply of heavy kinds being ample. Springers are worth 10½c per pound. Hens 9c, roosters 20c each; ducks 6@9c, and turkey hens 11c.

South St. Joseph Live Stock Markets.

South St. Joseph Live Stock Markets.

South St. Joseph, Mo., September \$, 1902.

Good to choice corn cattle continue in light quota and the demand excellent, under which conditions prices were strong to 10c higher at the finish of last week. Grass Westerns and common and medium natives made up a heavy proportion of the receipts and values broke 15@25c, top \$7.60. Cows and heifers were in fair supply with the demand strong and prices advancing 5@10c. While the movement of stockers and feeders to the country was heavy yet receipts were more liberal and prices declined 10@20c, with common and medium grades dull and draggy.

Steers predominated the liberal quarantine receipts and the demand ruled strong with the good grades appreciating 10@15c but common and medium kinds lost that much. Cows and heifers sold readily on a firm basis, and calves declined 25@50c.

The hog market was subject to violent fluctuations during the week with receipts light to moderate, although in excess of competitive points. There was some improvement in the quality and the average weight showed some decrease with the previous week. Prices to-day ranged from \$7.45 @7.65 with the bulk at \$7.47\207.55.

Natives were scarce while Western range sheep and lambs were in heavy majority. The quality of lambs displayed marker deterioration but sheep was of good average. The demand was good although at the close lamb prices broke 40ffi50c and sheep 10@15c. Best natives at \$5.25, Westerns \$6.00 western yearlings at \$3.75, wethers, \$3.60 and ewes \$3 at the finish of the week.

### Frasius' Market Review.

Topeka, Kans., September 8, 1902.

The advance in wheat received a check Saturday and closed at bottom for the week. Markets to-day did not show any farther decline, however, in fact showed some strength caused by a good export demand. The Atlantic seaboard cities reported 600,000 bushels sold to-day and Duluth and Chicago both had large foreign orders. The total exports last week were 6,276,000 bushels, almost up to last year's record-breaking export business. Primary receipts were very much less than a year ago for the corresponding time. It is claimed that the movement of spring wheat is late but will begin shortly. Should the trade by disappointed in the expected large movement of spring wheat soon to come, an advance in wheat will be sure to follow. Many of the best informed persons in the wheat trade already claim wheat has seen bottom figures.

Many of the best informed persons in the wheat trade already claim wheat has seen bottom figures.

Corn declined over 1c to-day. The growing crop is said to be making good progless and another week or two of exemption from frost will secure for this country perhaps the largest crop ever grown, and therefore considerable of a decline may be expected.

Oats are firm in every market, the crop having been badly damaged by wet weather leaves not much desirable oats to be marketed.

Quotations for the day were as follows: Chicago—No. 2 red wheat, 71c; No. 3 red wheat, 66@68c; No. 2 hard wheat, 70½c; No. 3 hard wheat, 65½68c; No. 2 corn, 59c; No. 2 costs, 29c; No. 2 white oats, 36c.

Kansas City—No. 2 red wheat, 65½c; No. 3 red wheat, 62½c; No. 2 red wheat, 65½c; No. 3 hard wheat, 63½ff64c; No. 4 hard wheat, 60@61c; No. 2 corn, 56c; No. 2 white oats, 36c.

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"Wanted," "For Sale," "For Exchange," and small or special advertisements for short time will be in-serted in this column, without display for 10 cents per line of seven words or less, per week. Initials or a number counted as one word. Cash with the order. It will pay. Try it.

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FOR SALE—Having sold my farm I will offer at private sale for the next twenty days, eight head of Shorthorn cattle a follows: Two bulls, five cows and one heifer caif. All registered or elighle to registry. They are good individuals and comprise the blood of the best Cruickshank, Rose of Sharon, and Bates families. Will sell all or any part of them. If not sold by September 28, will then sell at public sale, which I will hold on that date. For further particulars call on or address M. Sanders, Twin Mound, Kans.

FOR SALE—20 high-grade Hereford bulls, fifteen-sixteenths and better, from 7 to 15 months old. Seb. Wertsberger, Volland, Kans.

WANTED—Cattle to keep by month or year. Plen ty of range and good water. Address box 64, Chey enne Wells, Colorado.

FOR SALE—Three registered and six high grade Shorthorn bulls; all fine animals. G. R. Volsburg, Thayer, Kans.

FOR SALE—Cattle or horse ranch, seven miles from Cheyenne Wells, Colorado. Good new buildings, Good water and plenty of range. Address O. J. Blakesley, Cheyenne Wells, Colorado. FOR SALE—2 double standard Polled Durham bulls and 3 Shorthorn bulls. A. L. West, Garnett, Kans.

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# The Stray List.

Week Ending September 4. Miami County-L. Flanagan, Clerk.

BULL—Taken up by J. D. Stevens, in Osage Tp., August 21, 1902, one red bull, weight about 1,200 to 1,300 pounds, marked in each ear with a swallowfork, branded H 8 H on left side and with letter S on left thigh, about 8 years old; valued at \$25

Week Ending September 11.

Cherokee County—S. W. Swinney, Clerk,
MULE—Taken up by R. P. Darnell, in Lowell tp.
(P. O. Galena). August 8, 1902, one bay mule (male)
14% hands high, old cut on right front foot, branded or
right hip, a small lump on left knee, shod in front
valued at \$60.

Kingman County-W. R. Long, Clerk. MARE—Taken up by Geo. Pro, in Ninnescah tp., August 6, 1902, one grey mare, 16 hands high, weight 1,200 pounds, 12 years old; valued at \$45.

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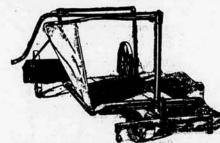
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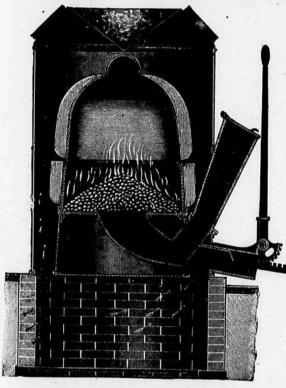
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100 head for this year's trade; all eligible to rec

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Will sell Sen. I Know, he by Perfect I Know.
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On August 26 fire destroyed my barn with all feed and machinery. I must have money to rebuild at once. For the next 80 days my entire crop of spring pigs goes at one half price. Write me for prices and breeding. I can sell you a bargain.

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High-Class Poland-China Hogs

A few fancy young boars ready for service Orders booked for spring pigs.

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Scotch-topped Young Mary females with 9th Knight of Elmwood 161507 at head. Call on, or write, W. J. Smith, Oketo, Kas

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150 choice spring pigs, stred by five first-class boars, for sale; a son of Chief Tecumseh 3d at head of herd. Parties wishing to visit herd will be met at Abilene, it notice be given. Farm 2% miles northeast of Abilene.

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Practical Poland-Chinas

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400 head in herd. Fashionably bred sows and glits bred to Broad Guage Chief 25733, first prize winner International Show 1900, and Simply O. K. 24290, first prize winner Missouri State Fair 1901. 200 winter and spring pigs in special offer. Bargains in Registered Stallions and Mammoth Jacks. Also SHORTHORN AND POLLED DURHAM CATTLE.

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Herd headed by Premier 4th 55577 assisted by Rutger Judge 2d 61106. ONLY THE BEST.

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100 head of Rose of Sharon, Princess, Duchess of Goodness, and Scotch females, with Roan Chief 154798 and Royal Prince 133028 at head. 20 young buils for sale.

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The largest herd of Percheron horses in the west and the best bred herd in America. A choice collection of young stallions and mares always on hand. Prices con-sistent with quality. Address, or come and see, at Wakefield, Clay County, Kansas.

PEROHERON HORSES, and ABERDEEN-ANGUS OATTLE. GARRETT HURST, Breeder, Zyra, Sumner County, Kansas. Young stock for sale of either sex. All registered.

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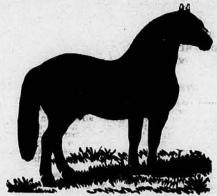
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Areeder of OLYDESDALE HORSES, AND SHORTHORN OATTLE.

IFFer Sale—25 Clydesdales, including 3 registered stallions of serviceable age, and 13 mares.

Inspection and correspondence invited.

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For Sale—Twelve young stallions and a few mares. Inspection and correspondence invited.

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Lawrence, Kansas. Special attention given to selling all kinds of pedigreed stock; also large sales of graded stock. Terms reasonable. Correspondence solicited. Mention Kansas Farmer.

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SALES made everywhere. Thoroughly posted and up-to-date on breeding quality and values. Have a large acquaint-ance among and am selling for the best breeders in the country. Terms low. Write for dates.

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Sales Made Anywhere. I am booked for some of the best ombination sales of high-class stock combination sales of high-class stock held in America. Posted on pedi-grees and individual merit. Wide acquaintance with breeders in Kan-sas, Oklahoma, Indian Territory and Texas. Wire or write for dates.





Sales Made Anywhere. Have been and am now booked for the best sales of high-class stock held in America. Thoroughly posted on pedigrees and individual merit. Large acquaintance among the leading stock-breeders of America. Terms reasonable. Write me before claiming your date.

FOR SALE INDIAN LANDS.

> 6,000 Acres of Inherited Land

Located in the Indian Territory, for which titles can pass. Consisting of 80-, 160-, and 200-acre tracts convenient to railroads. Good farming land—some in cultivation. Prices from \$11 to \$20 per acre. Address

WILLIAM HIGGINS, VINITA, INDIAN TERRITORY

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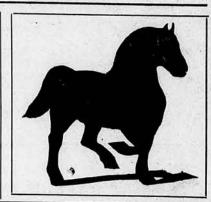
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IMPORTERS AND BREEDERS, TOWANDA, BUTLER CO., KANS. Largest Herd in the State. CASINO (45462) 27880 at head of herd. Prize-winner at last National Show of France. Highest priced stallion imported from France to America, in 1901. Inspection Invited.....

America's Leading Horse Importers

The largest importation of 1902 arrived at our stables July 22 in perfect health. Among our Percheron stallions is EVERY first prize winner at the great annual show of France and EVERY first prize winner except ONE at the Greate Show of the "Societe Hippique Percheronne" of France. They won in all eighty prizes at the leading stallion shows in France. The best Percheron stallions, the best Freach coach stallions, that leave France come to our stables.

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ROME PARK STOCK FARM.

1. A. HUBBARD, Rome, Kans., ... BREEDER OF ...

Poland-Chinas and

For SALE-12 Berkshire boars and 20 bred sows and gilts, 20 Poland-China boars, and 50 bred sows and gilts

20 Shorthorn Bulls For Sale.

Three of them, 8 years old, balance 10 to 20 months, in good, serviceable condition, by Cruickshank and Scotch-topped sires. This is the best and evenest lot of bulls we ever raised. Prices A. B. & F. A. HEATH, Republican, Neb.

# FOURTH ANNUAL PUBLIC SALE

# DUROC-JERSEY SW

WHITING, KANS., OCT. 13, 1902.

# A DRAFT OF 100 HEAD

Consisting of 20 open Sows of fall and winter 1901 farrow, and 80 head of Tops of our spring 1902 crop of both sex, sired by the following five grand old herd males, and from dams of equal blood lines and individual merit: Woodburn 3841, Fleet R. 6225, Kid Wolford 8299, Jimmeson L. 10405, and Fleet R. 2d 9945. Every animal a good one, first-class, and useful. Write at once for free Catalogue, and remember we value your presence on Oct. 13.

COL. JAS. W. SPARKS, COL. BERT FISHER, Aucts. ALEX. DUNN, JR., Clerk.

Newton Brothers,

. Whiting, Kansas

J. F. FINLEY'S DISPERSION SALE OF

# SHORTHORNG

....TO BE HELD AT FARM ADJOINING TOWN, ON.....

WEDNESDAY, SEPT. 17, 1902.

# 70 head of Registered Shorthorns and 30 Calves at toot of dam

This sale will include 70 head of registered Shorthorns, aside from 30 calves to be sold at foot of dam. It likewise includes my 3-year-old imported Scotch herd bull, Primate of Dalmeny (imported by W. D. Flatt), that cost me \$1,075 in Chicago. Quite a number of cows have his calves at foot, and the majority of them will have been bred to his service at date of sale. Ten young bulls are in this sale, ranging in age from 10 months to one year. Chief Violet 4th (of Cruickshank's famous Violet tribe-bred by A. Cruickshank for over 50 years) was long used in this herd, and many of his get go in this sale.

--- Amony the Bates Oattle to be Offered are Seven Pure Duokesses---

An elegant lot of beautiful young cows and heifers; also two Kirklevingtons and one Oxford. Kirklevington Duke of Hazelhurst 11th by the great Peculated Wild Byes was formerly a favorite bull in the service at Crystal Springs Farm. His dam was Kirklevington Princess 27th by Winsome Duke 3d. Ten cows got by this great sire are in this dispersion sale.

These cattle were practically wintered without grain, a few cows suckling calves only having a small grain ration. They were fed corn fodder prepared by the husker and cutter. The entire herd is in model breeding condition. These cattle carry the exact lines of blood from which the Bothwell prize winners were made. I have been thirty years a breeder of Shorthorn cattle at Crystal Springs Farm. The farm is now sold, and I invite all lovers of good Shorthorns to come to the sale at Breckenridge, Mo., on September 17th, whether you care to buy or not. Raliroad connections easy from all points. See my catalogue early. Caldwell House Headquarters.

OOL. J. W. JUDY & & Auctioneers. J. F. FINLEY, Owner, Breckenridge, Mo. 

AT PUBLIC AUCTION.

At Farm, 3 Miles West of Centropolis, 15 Miles Northwest of Ottawa, 10 Miles Northeast of Pomona, 11 Miles Southeast of Overbrook, Kans., on

# TUESDAY, SEPTEMBER 23, 1902.

About one-third will be fresh between now and holidays; all the others bred to registered bull.

TERMS—One year's time, without interest; 8 per cent off for cash. Parties from a distance must furnish bank reference. SALE WILL COMMENCE AT 10 A. M.

FREE LUNCH AT NOON. COL. W. Q. HYATT, Auctioneer.

**GEO. GROENMILLER & SON** 

# **GRAND PUBLIC AUCTION.** 85 PURE-BRED HEREFORD OATILE 85

At Blue Rapids. Marshall County, Kansas,

Beginning at 1 o'clock p. m. sharp, on Wednesday, September 1, 1902, I will sell at public auction 85 head of pure-bred unregistered Hereford cattle, mostly females and calves of glit-edge breeding, running back to the best stock in the breed, such as The Grove 3d, Anxiety 4th, De Cote, Archibald and Lord Wilton. Also I will sell two registered herd-bulls, Constantine (102183), 3 years old, and General Funston (108189), 2 years old, both rich in the blood of the above famous sires. These cattle will be sold with the positive guarantee as to the purity of their breeding. Blue Rapids is on the C. B. M. P. Ry. and the Lincoln & Manhattan branch of the U. P. Ry. Sale right in the city.

Auctioneers: Jas. T. McCulloch, CHAS. S. STRANGE, Owner.

Frank E. Kinney. John M. Whiting, Mgr., Frankfort, Ks.

(P. S. Enquire of manager for options on 100 head of pure-bred Angus bulls, cows and heifers, also 80 head of other pure-bred Hereford cattle.

# FORTY REGISTERED

# CALLOWAY FEMALES FOR

Clover Hill Herd at Richland, Kansas, numbers 100 head. Will sell 40 head, the plok of the herd including ten yearlings and thirty 2-year-olds and over. Most of the cows are bred to the herd herd bull, Decoy of Wavertree 1704. Several of the yearlings are sired by Anno The Great, a son of King Hensol. Owing to death of my son, the herd manager, I am compelled to reduce herd, and lease farm. I prefer to sell them to a single purchaser but will sell in lots to suit buyers. This lot of females is the best that will be offered at private sale this year. Come and see and you will buy. Address

GEO. M. KELLAM, 909 West Tenth St., Topeka, Kans.

# AND SOUTHWESTERN

EXPOSITION AND LIVE STOCK SALES.

This great event will take place in Wichita, Kansas, September 22 to 27 inclusive, and will be halled with satisfaction by all stockmen. Our great Live Stock Show and Sales last February surpassed everything of the kind held up to that time, making the second best record in the United States in twelve years. Breeders of live stock realized more than invoice prices and disposed of all stock brought here for sale.

As headquarters for stockmen, Wichita leads. Terms and accommodations unsurpassed. Liberal premiums on all exhibits. \$5,000 purses offered for speed ring. Leading stockmen from all over Kansas, Oklahoma, Indian Territory, and Texas will be present.

If you have fine stock to show or sell, bring it to Wichita.

H. L. RESING, Secretary.

# Sale of Sedgwick County Shorthorns

AT THE RIVERSIDE BARN IN WICHITA, KANS., SATURDAY AFTERNOON, NOV. 1, 1902,

WM. H. RANSON will sell to the highest bidder, 24 head of high-class Sedgwick County bred and raised SHORTHORNS. The offering will consist of 9 young bulls and 15 head of bred cows and heifers. For further particulars, address

Wm. H. RANSON, North Wichita, Kansas.

# **CLENDALE SHORTHORNS.**

up. Prince Levely 155860 and Scotland's Charm 127284 IN SERVICE-

Young Bulls, Cows, and Heifer for sale at all times, O. F. WOLF & SON, Ottawa, Kans.

