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J. K. HUBSON, Editor & Preprietor, Topeka, Kan

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THE RELATION OF BIRDS TO HORTICUL-TURE.

An Address delivered at the Tenth Annual Meeting of the Kansas Bate Horticultural Society, at Emporia, December 6, 1876, by Prof. F. H. Snow, of the State University.

FAMILY VI-CREEPERS (Certhiade). A single species only represents this family

-the Brown Creeper - small bird, with long, slender, curved bill, which may often be seen moving rapidly over the trunks and limbs of trees in quest of insects, which form its prin-cipal food.

FARILY VII—WRENS (Troplosettics).

This family is represented in Kansas by several species, all of which are exclusively ins sectiverous in their habits. The most common and valuable of these birds is the common House Wren, which delights to make its nest in the immediate vicinity of our houses, and will repay a thousand fold a little pains devoted to the provision of suitable boxes for its abode. It was ascertained by Robert Kennicutt that a single pair of these wrens carried to their young no less than a thousand insects in

FAMILY VIII—LARKS (Alaudidæ).

In this group we have the Horned Lark, or Shore Lark, which remains with us throughout the year, moving in large flocks in winter, and subsisting upon the seeds of grass and weeds and upon small insects. It also devours grasshopper eggs, as has recently been observed by Mr. G. F. Gaumer.

FAMILY IX-WAGTAILS (Motacillida). Kansas affords but a single bird of this family, the Titlark, which is a migratory bird, and frequents plowed fields and prairies in search of insects.

FAMILY X-WARBLERS (Sylvicolidæ). A large family, already known to contain thirty-one species in our State, with probably still others not yet catalogued. Among the most common forms are the Summer Yellowbird, the Oven-bird, Kentucky Warbler, Yellow-rumped Warbler, Maryland Yellowthroat, Yellow-breasted Chat, and Redstart. They are all small birds, and are distinguished by their beautiful plumage. Their food consists almost exclusively of insects. Dr. T. M. Brewer, in the magnificent work recently published on North American Birds, thus writes of the redstart : "It is a lively, active bird, ever on the wing, and continually in pursuit of insects. In this pursuit, it never it at a distance, darts with great velocity in pursuit, and the continual click of its bill at-

and catch insect after insect." EAMILY XI-THE TANAGERS(Tanagridæ). Two species are found in this family—the Scarlet Tanager and the Summer Red Bird. our birds, and render great service in the de-

struction of noxious insects.

An exceedingly valuable family of birds, on worm. account of of their strictly insectiverous habits, and the readiness with which they may be enticed from their natural homes on cliffs, in banks and in hollow trees, and persuaded to Bank Swallow, Rough-winged Swallow and jurious insects, including grasshoppers; so Brewer, who contributes the following to the

ASTERS. New Rose. New Victoria.

Dwarf Chrysanthemum, flowered. Robust Bouquet Dwarf. New Victoria, natural size.

gested as productive of larger returns than as accomplishing more good than harm. the erection of boxes for martins and swallews in the orchard or garden. The authority already quoted thus writes of the barn swallows: "Innocent and blameless in their lives, there is Kansas, being represented by no less than forno evil blended with the many benefits they ty-five different species. Among these may confer upon man. They are his ever-constant even indirectly, to do him any injury. For Field Sparrows, Chipping Sparrows, Fox benefactor and friend, and are never known, their daily food and for that of their offspring, Sparrows, Indigo Birds, Chewinks and Red they destroy the insects that annoy his cattle, injure his fruit trees, sting his fruit or molest English Sparrow, a colony of which has been his person. Social, affectionate and kind in their intercourse with each other; faithful and devoted in the discharge of their conjugal and sectivorous. The seeds of wild grasses and parental duties; exemplary, watchful and ten der alike to their own family and to all their during a large part of the year, varied somerace, sympathizing and benevolent when their times with our smallest cultivated grains. beautiful birds are bright examples to all in their blameless and useful lives."

FAMILY XIII-WAXWINGS (Ampelidæ). In this family we have three species, neither of which is at all common. One of them how. Mountain locust or grasshopper. I do not ever, will probably become more abundant in doubt that many other species in this family fear is really groundless. There were two the future-the Cedar Bird, or as it is often called in Massachusetts, the "Cherry Bird." This bird moves in flocks, and is very unpopular in some sections of the country on account been deposited, in order to bring them to the fruits. The damage thus inflicted is undoubt- birds. edly more than compensated by the destrucnumbers in spring and early summer.

FAMILY XIV-GREENLETS (Vireonida). Six species of this family occur in Kansas, among which the Redeyedjand the White-eyed immense numbers of destructive insects,

FAMILY XV-SHRIKES (Laniida).

acquired a somewhat doubtful - reputation on rows." Mr. Gentry, however, admits that make their nests about our houses and barns birds, which they often kill and impale upon service in ridding our squares of the caterpil- the winter as well as any of the native trees, low, Cliff Swallow, White bellied Swallow, in the same way, and devour a great many in ited defense of the imported sparrow from Dr. be added another reason. Aside from stock-

le Martin. No investment could be sug- that upon the whole they may be considered FAMILY XVI-SPARROWS AND FINCHES

(Fringillidæ). This is by far the largest family of birds in be mentioned the Grosbeaks, Crossbills, Buntings, Longspurs, Snowbirds, Song Sparrows, Birds. To these should now be added the securely established at Topeka. The memi bers of this family are both granivorous and int weeds form the principal portion of their diet fellows are in any trouble—these lovely and During the breeding season, however, they feed their young almost entirely upon insects. During the winter at least one species, the Lapland Longspur, has been proved by dissection to subsist upon the eggs of the Rocky will be found to devour the same food. This fact should stimulate our people to thorough. ly harrow the ground where locust eggs have

awaits the approach of its prey, but espying of its fondness for cherries and other small surface and render them accessible to these I have often been asked my opinion as to test the frequency with which it will overtake tion of our most injurious insects, in immense the advisability of introducing the English the worm degenerates, and is liable to disease. sparrow into Kansas as a protection against The second reason for the failure, was, the insects. It must be admitted that authorities differ widely upon this question. It is claimed by Dr. Coues, the famous ornitholor These are the most brilliantly colored of all Vireo are most abundant. These birds devour gist, that "there is no occasion for these birds in this country, and that the good they do among which I have taken from their gizzards has been overrated." Mr. Thomas Gentry, of FAMILY XII—THE SWALLOWS (Hirundinida). the Rocky Mountain locust and the maple Germantown, Pa., states that the sparrows in Here all the condition meet for the best develtroduced into his town " have become quite common in the surrounding country, and are Here belong the Butcher Birds. These have driving away the robins, bluebirds and spar- just that kind and degree of warmth congenial account of their frequent attacks upon other "the birds in question have been of immense

years I have day after day, summer and winter, closely watched them. They never molest, attack or try to drive away any birds except their own species, and that only from amatory influences. In such times the males are pugnacious against other males of their own species, but nothing more. The famales are not pugnacious under any circumstances. In Beston the value has never been so, shundant the same has connected in Annual that are Boston the robin has never been so abundant shift can be engaged in. Any one that can se it is this summer, and the sparrows certaingum or cultivate five or ten acres of land, and by never seemed so numerous. They feed toly never seemed so numerous. They feed together, side by side, and the only molectation and a sow or two, can start without the outlay the robin experiences is that ence in a while a of \$5.00. He will only need an ounce of mulsparrow steals the worm it has dragged from berry seed, that will seet him \$1.50 and from the ground. But the sparrow has to do it it he can ratio trees to stock an orehard of 20 slyly, and to drive off a robin would be an undertaking simply absurd. As to the native or peach trees. sparrows, before we had their European count Third. But a prime reason why farmers of ins this bird was hardly known as a visitant Kanson one profitably engage in this business, to our city. Now they have become abun-dant in their season, and what is very remark: fere with the other isbore of the farm. It is a able, you may see the English sparrow and business that the wife and children and old the chipping sparrow feeding together in seen and women, who cannot endure heavy close proximity, and you will never see the former molest or interfere with his confiding housing and older boys to attend to the other on the other leg. The bluebirds do molest and drive off the sparrows, and have been known to take possession of and keep boxes put up for and belonging to the sparrow.

Mr. Stephen Gould, of Newport, R. I., corresponded sparrow "seems to court the section of chiral the imported sparrow "seems to court the section of the space of 35 days.

Thereis. Silk can be more chasply and profitable are more frequently and profitable of climate are more frequently and labor, other birds, and governance the birds hear so that there. It will cost less of time and labor, abundant on our place. The male systems

recesses, but do not seem to molest other birds." Finally we have the complated told-mony of the Hen. B. W. Other of Papels Jake

weight of evidence is decidedly in favor of the 000,000 to \$90,000,000 now paid for foreign introduction into Kansas of the imported spar- silks, should be kept at home. Kansas can, row, and I have no hesitation in recommend; should and ultimately will raise a large share ing a fair trial of the experiment by our large of the silk used in our own country. er towns and cities. I may add that the report of the French parliament, based upon the the market; allk will always command ready

[TO BE CONTINUED.]

A Manual on Silk Raising

BY REV. JNO. SCOTFORD, LOUISVILLE, KAS. Prepared Expressly for the Kansas Farmer. Introductory Chapter.

In this chapter, I propose to state a few facts showing the importance of silk-raising, to the people of Kansas, and answer a few objections that may present themselves to a class of the readers, of the FARMER.

First. It is no longer a question whether silk can be profitably raised in Kansas. The experiments that have been going on at Silkville, Franklin county, under the superintendance of Mons. S. L. Crozier, have demonstrated that fact. Doubtless many of the readers of the KANSAS FARMER suspect that this effort to introduce the culture of silk into Kansas, will end like a similar effort in the Northern and Eastern States some 35 years since. But that reasons for the failure, in that case, that do not exist in this. The climate of those States is not adapted to the development of the worm which needs a high dry climate; one free from misasmatic influences, with a certain peculiar warmth of atmosphere. Taken out of the climate adapted to its growth and development, Morus Multicaulis hum bug. It yielded a large, fine leaf but it could not stand the northern winters. These facts and the consideration that in the seaboard States, general farming was profitable, led people to drop it. In regard to Kansas, the facts are all different. opment of the worm. We have a high, dry climate, remote from large bodies of water, and

to the worms. Here, also, the mulberry flourishes'; stands

American Naturalist : We have the sparrows ing is not profitable in Kansas, on ac in great abundance in Boston, and for six the distance to market, heavy freights, cto., years I have day after day, summer and win-

other birds, and never have the birds been so ste. And yet in France, where wheat is a cartight among themselves after the manners?

It will cost less of time and labor, and yet in France, where wheat is a cartight among themselves after the manners?

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It will cost less of time and labor, and yet in France, where wheat is a cartight among themselves after the manners? At and land is high, allk-values takes as all as a second of the farming while very eith is because a second of the United States, duty from a language of the United States, duty from at the language of the States and the language of the tion of the English sparrow, and adds his val- and silk goods, some \$25,000,000 worth anguuable observations in regard to its destruc- ally, paid by us in gold. As soon as silk-raistion of the maple worms from his own trees ing begins to sugage the attention of the people of Kansas, we can get a tariff on the raw I think it will be conceded by all that the as well as the manifequired article. The \$25,0

Fig. There is no danger of over stocking most thorough scientific observations, places cash. While our distance inland subjects us the English sparrow at the head of the useful to a heavy precentage of freights to get our heavier products to market, this will be small item on silk, for is will cost no more to ship a pound of silk to market worth from \$8 to \$12 than a pound of flour worth 6 cents, er a pound of pork worth from 6 to 10 cents.

Sixth. The business of silk raising is one the details of which can be easily learned. With the instruction given in the ensuing chapters of this manual, the amateur silk raiser can begin with ten cents' worth of silk worm eggs, when his mulberry trees are two years old, and with a few moments each day of the silk season devoted to feeding and observation, he will learn the habits of the worm and the conditions of success in it.

We shall devote the next chapter to the question of planting and rearing mulberry trees, both for feeding worms, for windbreaks and for forest growths.

[TO BE CONTINUED.]

THE GRASSHOPPER QUESTION.

Report of Prof Biley in reply to a Letter from Governor Authony.

In addition to a large amount of grasshopper literature heretofore published in the FARM-ER, we give the following as the very latest from Prof. Riley, who for years has given the subject special study, and, as the readers are aware, is now giving the subject, as one of the United States Commissioners, his entire

STATE OF KAS., Ex. DEPARTMENT, } TOPEKA, May 5, 1877. To Professor C. V. Riley, Chief of U.S. Entomological Commission, Emporia, Kansas.

SIR: It is now impossible for me to join you in your tour of observation through the State as I promised. I feel a deep interest in the results of your examination, and have to urge upon you the importance of passing over as great a breadth of territory as possible in the time you can give to this State. I degire from you, for publication, a statement of the true condition and prospects as you find them.

I have feared that the reports of addled eggs and in our orchards. This family includes the thorns of the honey locust and of the lars, which were once so prevalent and so anthe following Kansas birds: The Barn Swal' Osage Orange. They also destroy field mice noying." On the other side, we have a spirof Kansas,

still unhatched and in a condition to produce in destructive numbers when the weather shall be propitious, it is far better that the people should know the worst and prepare for it without delay.

I am satisfied that a determined and systematic effort will exterminate the locust and save our growing crops, even it the worst be true as to the present hatching. An organization under the township law, or unanimity of volunteer action, with the means now known to be effective in the destruction of these insects, cannot fail of substantial suc-

To this end I hope you will favor me with a full report of your tour of observation, together with such suggestions as to mode and time of destroying the locust, as your observation and experience shall warrant. This statement from you will be accepted as authentic by the great majority of our people and will allay fear if there is no danger, and awaken to action if impending peril exists. Very Respectfully.

GEO. T. ANTHONY: Governor of Kansas.

SALINA, KANSAS, May 10, 1877. To Geo, T. Anthony, Governor of the State

My DEAR SIR: Your favor of the 5th inst. is before me. I am entirely of your opinion as to the importance of getting at the real facts and prospects in connection with locust injury. The despatches to our papers are so often col ored in the interest of land owners, and lean and real estate agents, that the community at large places but small reliance on them. It is, moreover, the avowed policy of many journals to suppress the truth about locust troubles, under the mistaken notion that such suppression benefits; whereas no policy is more injurious to a community in the end.

In the present instance the favorable reports are, in the main, warranted; and there is no doubt in my mind that throughout the larger part of Kansas the battle is already fought, and the future injury must be comparatively trifling. For nearly three weeks I have been traveling and observing in Texas and Southeastern Kansas, and feel safe in making the above statement for that part of your State that I have visited. Throughout the locust area of the State south of the Kansas Pacific railroad-which area includes most of the region bounded on the east by a line running from a little west of Lawrence toward Fort birth to locusts enough to have eaten every thing green by the time they attained full growth, under conditions favorable to them. Many of the eggs were destroyed by the audescribed in my writings. Some of them hatchpart of February. The insects thus hatched perished. The bulk of the eggs hatched during the last week of March and the early part of April. The young insects were very thick then : they commenced to do injury and begat general fear. The farmers for the most part fought them with energy. Then followed. from the middle of April on, a period of cold and wet weather; the enemy rapidly weakened and was from all quarters reported as disappearing.

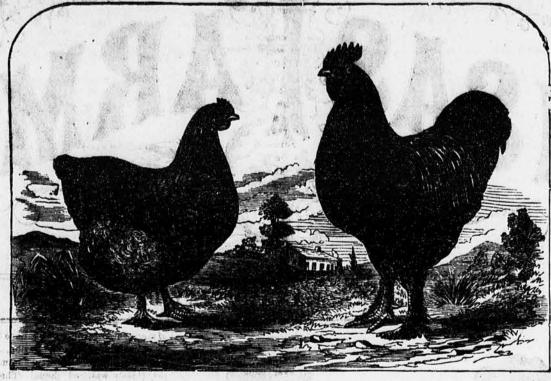
DISAPPEARANCE OF THE YOUNG.

foundation in fact. This disappearance is generally attributed to death and dissolution from the cold and wet weather that followed the principal hatching. That this weather death among the hopping pests I have no doubt, because there are always a certain portion just hatched or just molting, which are particularly tender and susceptible to the injurious effects of cold, drenching rains. But they have been dying and are now dying fast during the present warm and sunny weather, and these dead insects are not parasited, but simply diseased—sick. In my last (9th) rev port made to the State of Missouri, in stating the causes that might diminish the prospect ive injury, I wrote:

We may therefore expect that, as compared with 1875, a larger proportion of the young that hatch in 1877, will be weakly and perish. * * There is a bare possibility that, after the bulk of the young have There is a bare possibile hatched, and before they have commenced to do serions harm, we may have such unseason-ably cold and wet weather as to kill them by myriads, and effectually weaken their power for injury.

Both possibilities have become actualities. It is a singular fact, however, that notwithstanding the large numbers which hatched no one has been able to discover the dead carcasses of these disappearing locusts in anything like the numbers necessary to account for the disappearance; and in most instances where dead insects have been reported to me, an examination at once showed that the par: ties had mistaken therefor the exuviæ or empty skins of those which had molted; which skins are always abundant under straw and and should be provided against. weeds, or at the base of a wheat stool, where the young insects congregate when undergoing their molts.

The young locusts possess remarkable tenac-



Black Cochin Chickens.

feed upon it, such as snakes, gophers, field the use of destructive agents: have been the principal cause of the latter's into windrows of heaps of straw scattered more simple methods. disappearance. The prolonged cold and wet around and through a field and burned. Dur- 5. Use of Destructive Agents-Kerosene or retarded the development of the insects, beneding cold, damp weather, they will, of their own any of its cruder forms is the most effective. In Scott, and on the west by another passing up fited the wheat, and gave our feathered friends accord, congregate under such shelter, and I Colorado they use it to good advantage on the through Hutchinson and Ellsworth—the eggs an excellent opportunity to check them. We have known them to be exterminated by burn, water in their irrigating ditches, and it may were laid in sufficient quantities to have given should employ all means to encourage the ing where no driving was necessary. As to be used anywhere in pans or in saturated multiplication of the birds.

the state I have traversed; the farmers had considered, beneficial in this connection sheet iron, eight feet long, eleven inches wide, determined from the beginning to make war, Scarcely any eggs are laid on the raw prairie, at bottom, and turned up a foot high at back thomyla egg parasite, and the other enemies and they did make war, and so successfully and the impression that locusts are slaughtered and an inch high in front. A runner at each that the insects were pretty effectually de- by myriads in burning extensive areas is at end, extending some distance behind, and a ed in the fall, and many more during the warm, strayed before the cold and wet occurred. false one. It is beneficial principally around cord attached at each front corner, complete wether of the latter part of January and fore. The means employed were mostly kerosene cultivated fields and roadsides, from which the pan at a cost of about \$1.50. I have known strayed before the cold and wet occurred, false one. It is beneficial principally around cord attached at each front corner, complete pans and burning-over 700 kerosene pans focusts may be driven, or will of themselves from 7 to 10 bushel of young locusts caught having been made at Salina alone.

> after the principal hatching, had the effect, the locusts hatch, destroys the nests and eggs eral together in a row, one boy to each outer as already stated, to kill many that were of some game birds which feed upon the lo- rope and one to each contiguous pair, the best just hatching er molting. The heavy rains custs, but the birds themselves always escape work is performed at the least labor. Heavier also washed many away into the streams, and and nest again; whereas many noxious insects or longer pans, to be draw by horses, should in some instances on soils which contain sand like the chinch bugs are killed; so that, even have transverse partitions to avoid spilling of and lime, and which are liable to crack when leaving the locust question out of considera the liquid. The oil may be used alone so as granges or councils, mass their wool, keeping dry, the rains doubtless covered up and killed tion, the burning would yet prove advantage- to just cover the botton, or on the surface of it put up in the very best manner, then holdsuch as were sheltering in such fissures. ous to man.

especially after the second and third moltings, vantage only in exceptional cases, where the visited, and where I have examined carefully are dying, is simply confirmatory of the views ground is smooth and hard.

EXTENT OF THE FAVORABLE STATE OF THINGS.

parative harmlessness of 1867.

VIGICENCE STILL NECESSARY.

not one per cent. of the eggs remain unhatched and water, or a little kerosene can be used at with the settlement of the beautiful and prolaid later and the soil is mostly colder and garden, orchard, nursery, or field to be protect- ular intervals. more tenacious, from one-half to three fourths ed, should be kept friable by means of a fine I have the honor to remain, ceptions, sound. In the former area a few apt to fill up by strong winds, ditching will fields may suffer, especially along the river fail. courses, but there will be no general destruc- 4. Catching-There are innumerable metion; in the latter the injury may yet be great chanical contrivances for this purpose, and I

REMEDIES. time of destroying. In the destruction of the frame two feet high and of varying length, act It is a well known historical fact, that in the

remaining in the third stage (i. e., have moltalyour state has more than ever confirmed melending in a smaller bag or tube—say one foot to show that other factors than those meteor- winter, viz: that harrowing in the fall is the and permit the dumping of the insectological have entered largely into the problem most effectual way of destroying them. Wher will do admirable work. The insects gravitate of disappearance. The principal of these I ever practiced no eggs have hatched. The toward the wire screen and when the secondar will enumerate, because, unlike meteorological different means of destroying the young insects ry bag is full, they may be emptied into a certainty in the problems of locust destruction, ture of the soil and of the crops, and I have Mr. J. C. King, of Boulder Col., may be men-

burning the prairie in the spring, while there is cloths stretched on frames, drawn over a field. Second-The farmers. In most parts of much to be said, pro and con, it is, all things A good and cheap pan is made of ordinary pass for the shelter the prairie affords. The with one such pan in one afternoon. It is Third-The weather. The continued cold burning of extensive prairies after the bulk of easily pulled by two boys, and by running sev-

the condition of things, the young locusts have | I have always held and advanced, that the | 3. Trapping—This is very effectual, espec- efficient afterwards, and frames of cloth sturatvery largely—in som e instances totally—dis species is out of its natural habitat, and can jally when the insects are making their way ed with the oil do not equal the pans. Where appeared; and I now have no doubt whatever, never permanently thrive here. These views into a field from roads and hedges. "The oil has been scarce, some persons have used that the reports of such disappearance that I need not repeat at length here. While the use of nets or seines, or converging strips of concentrated lye, but when used strong enough are so general throughout the entire portion number that have thus become sickly and calico or any other material, made after the to kill, it costs about as much as the oil. The of the State that was threatened, have their died have not so far begun to compare with plan of a quail net, prove most satisfactory. oil pans can only be used when the crops to be those which have perished in the other three By digging a pit, or boring a post auger hole, protected are small. ways mentioned, it will doubtless continue to three or four feet deep, and then staking the increase as the insects get larger, for already two wings so that they converge toward it, I have endeavored, in the above hurried they show a tendency to unnaturally group to large numbers of locusts may be driven into the notes, to comply with your request, and have has been largely instrumental in causing gether during the heat of the day, and feed pit and buried after dew the is off the ground, necessarily left much of interest unsaid. Almuch less ravenously than when in perfect -May 8. Me. Report." Ditching or trenching together, the prospect is much brighter than I will come under this head; and after the in- had dared to hope. There is some apprehensects have commenced to travel in schools, sion from the winged insects that have been proper ditching is the most effectual protect for some time leaving Texas, where little was Such are the generally favorable conditions tion. "A ditch two feet wide and two feet deep, done to fight the pest, and where much injury throughout the area which I have already with perpendicular sides, offers an effectual has been done in spots particularly from Denimentioned, and of which alone I can speak barrier to the young insects. They tumble son southwestwardly. But in passing from with assurance. How far the same condi, into it and accumulate and die at the bottom in the south, the injury done by the winged intions prevail north of the K. P. and in the large quantities. In a few days the stench be sects is never materially felt. They are unstates threatened, I cannot positively tell yet; comes great and necessitates the covering up healthy and less voracious, and the crops are but similar reports of disappearance are very of the mass. In order to keep the main ditch well advanced. They also pass over the west general, and I am strongly of the opinion open therefore, it is best to dig pits or deeper ern part of your state. Permit me to remark, that we shall have a repetition of the com- side ditches at short intervals, into which the in conclusion, that I have met with few perhoppers will accumulate and will be buried .- sons who do not feel that if taken in time the Ibid." There will, be much sharp judgment young insects are easily mastered and need I am the last to desire that this favorable passed upon ditching by those who employ it cause little alarm in future—a fact which I report should lull your farmers into an un-against the very small and newly hatched lo- have long since insisted on, and which is gendue sense of security. The security against custs, which more easily crawl up a perpendir erally admitted by all who have had experiinjury will depend altogether on the por- cular bank than the large ones; but I speak ence. When the locust scourge is fully untion of eggs which have hatched. Thus in from past experience, and would urge all who derstood, and the farmers unite in determined the more sandy belt, west of a line roughly are threatened, to employ this mode of protec. effort to counteract it. it will cease to be so

of them are yet unhatched and, with few ex- rake. In proportion as the soil is loose and

have already some forty or fifty designs. I re-You request my suggestion as to mode and factory to those intending to bag the insects, a general interest are as follows:

ed twice) and must have hatched before the in the opinion which I have for some time held, in diameter, and two or three feet long—with unfavorable weather set in, is in itself enough and which was supported by experiments last a fine wire door at the end to admit the light or climatic influences, they may, most of them I have given at length in the Missouri Reports, pit made for that purpose. These bagging be relied upon in future, are largely within and they have been copied in one of the late machines will prove most serviceable when man's control, and may even be rendered still monthly reports of your board of agriculture. grain is too high for the kerosene pans. The more effective. They are, in short, elements of They necessarily vary somewhat with the na- curious suction fanning machine, invented by First-The natural enemies of the locust. time only in this connection to give you the tioned in this connection. A strong draft sucks These consist in the present instance (the principles rather than details. For convenience the insects up through an elongate mouth parasites not effecting it till it gets older) of these means may be classified into 1st, burning; with lips, that runs near the ground and draws the vertebrate animals which are known to 2d, crushing; 3d, trapping; 4th, catching; 5th, them up through two funnels and knocks them to pieces. I have seen the working of mice, etc., and birds. These last have been 1. Burning-In a prairie and wheat grow-that in Mr. T.C. Henry's possession at Abilene. more efficient than most of us imagine, and I ing country, like that which I have passed It is an admirable invention and may be imnever saw blackbirds, plover, etc., so numer-through, burning is perhapps the best means proved so as to be of great service to Colorado; ous. Their dung often whitens the fields of warfare against the young locusts. These, but it will be of less use here, and on account where the locusts were once thick, and they for some time after they hatch, may be driven of its expense will never compete; with the

of water, and the insects strained through a ing the same open to the purchaser at what Fourth-Climate. The fact that the insects, 2. Crushing-Can be resorted to with ad- wire ladle. When the insects are very small, shall be deemed a reasonable and paying pan with saturated cloth; but this becomes less

drawn through Junction City and Florence, tion from now on. Where the soil is tenacious much of a bugbear, and no longer interfere while east of that line, where the eggs were the bottom, all the better; and the side to the ductive western plains which it visits at irreg.

Your truly. C. V. RILEY.

APRIL MEETING OF POTOMAC FRUIT

Dr. Gross read a paper on "The Preservation commend, myself, as cheapest and most satis- and Utilization of Fruits." The points of

eggs, it is too late to accomplish anything cording as it is to be drawn by men or horses, treatment of those smitten with the terrible made during the year, \$695; pounds of butter made during the year, \$10,360.—Laurence ity of life; and the fact that the bulk of those now; but I will state that my trip through with a bag of sheeting tapering behind, and plague at Athens, by the renowned Hypocrites, Journal.

he made great use of the rich wines of Naxos: and his treatment was a great success. What were these wines? They were like the other wines of the ancients—the pure juice of the grape. The authority on this point, I quote Aristotle (born 384 year B. C.,) who says: "the wine of Arcadia was so thick that it was necessary to scrape it from the skin bottles," which for drink was dissolved in water. Columelles, a cotemporary of the Apostles says, "In Italy and Greece it is 'common to boil their wine." Boorhave says, "By boiling the juice of the grape, it looses all its aptitude for firmentation and!it may be kept for years."

Many other authorities might be cited to prove that by boiling the juice of the grape the ancients preserved their wines from firmentation.

And such doubtless was the wines that Paul commended to Timothy, "to take for his stomach's sake," and not the poisoned whiskey wine of commerce. The "strong drink" which was recommended for those who were "ready to perish," was not a vile compound made of strychnine whiskey, oil of witriol, aquafortis, prussic acid, pepper, fusil oil and tobacco, such as Dr. Cox found a cask of 'Seygnette Brandy' to be. No! But, according to ancient custom it was hot unfirmented wine, with ginger, cayenne or some other diffusible stimulent; anodyne or tonic.

I make my wine by pressing out the juice of grapes; I then add one-fourth as much water to the pomace, as I have juice, which I press also into the same vessel. This addition of water causes the juice to settle or filter more readily.

When settled, I boil in a glass, stone or porcelain-lined vessel set in another vessel containing water, to one-third of the amount of pure juice first pressed out. To each quart of this syrup add a tablespoon of salt. In this way I make wines from the various sorts of fruits and melons.

Bottle, cork and keep in a cool place.

Wines thus prepared are a delicious, nutritious and wholesome beverage, and when prepared to drink should be diluted with water and sweetened to the taste.

From the fruits and melons also may be made, by a similar process, f ruit butter.

You can make the choicest jelly, by adding pound of sugar to each pint of the juice first pressed out and boiling down one-third as be-

Tomato Catsup may be made by rubbing the fruit through a Colander; seasoning to taste, and boil as before to two third the quantity, diluting it for use. The refuse of all these processes will make the best of vinegar.

During the discussion, which followed the reading, in answer to the question, which was the best fruit dryer? the Secretary answered probably "Reynold's Fruit Evaporator" improved by Messrs. Coleman & Son, of this city.

Washington, D. C.

The Ex. Committee of the Michigan State Grange adopted the following preamble and resolution: WHEREAS, The difficulties of establishing a wool and assorting depot for the West, are found by us to be surrounded by insurmountable difficulties; therefore Resolved, That we recommend the Order throughout the State to take this matter into their own hands and through their subordinate or county each member's by itself, or otherwise, having

Ontario county, N. Y., Patrons of Husbandry organized a Pomona grange last week, the 18th inst., with eighty-five members. Bro. B. Bradley, of East Bloomfield, was elected Master, and Bro. Winfield Scott, of Geneva, Scoretary. The organizing officer was M. B. Riggs, Worthy Overseer of the State Grange. The organization proceeded immediately to business by arranging a plan for mutual insurance of farm property against loss by fire. The earnestness and intelligence of Patrons in Ontario county, afford ample guaranty that their business schemes will succeed.

Bro Farnham, Worthy Chaplain of the Illinois State Grange, writes"that Warren Grange received ten by demit, and five or six dropped off. Our neighbors are talking kindly of the grange. We voted to purchase Appleton's Encyclopedia. We expect to save of the grange funds, during the year, enough to purchase the entire set of sixteen volumes, costing ninety six dollars. In our county (Jo Daviess) three granges have consolidated and gone to work ; that by waiting for something to turn up, they have been disappointed; but are now resolved by earnest effort to turn up something to their advantage.'

We find the following in a letter from Bro. W. W. Lang, Master of the Texas State Grange: These beneficial results of the Order are being realized by the farmers throughout the State, hence the renewed animation in the To-day I received lettrs from three Grange. granges that have been dormant and had failed to meet for months, but they have renewed their fealty to our principles and re-determined to work to carry out our object and purposes. By every mail new encouragement is received of the ultimate success and permanent establishment of this noble Order among the farmers of our State.

The assessor of Grant township has made his return to the County Clerk, and the follow. ing are some of the items from his statistical

Number of acres under cultivation, 4,804; acres under fence, not cultivated, 1,889; acres of winter wheat sown in the fall of 1876, 1.015; acres of rye sown in the fall of 1876, 63; acres of spring wheat sown in the spring of 1877, 7; acres of oats sown in 1877, 157; potatoes, Irish, 138; sweet, 27½; sorghum, 16½; castor beans 4; hemp, 111; tobacco 2; broom corn, 5; millet and hungarian, 135; old corn on hand March 1, 1877, 25,530 hushels; products of gardens marketed in 1876, \$2.824; poultry and eggs

Latrous of Ausbandry.

STATE GRANGE DIRECTORY.

Master, WM. SIMS,
Overseer, J. F. WILLITS,
Grove City Jefferson
Lecturer, J. T. STEVENS, Lawrence, Douglas
Steward, W.D. RIPPEY,
Severance, Doniphan
As't. Steward, S. W. FISHER,
Beloit, Mitchell,
Treasurer, W.P. POZENOE,
Becretary, P. B. MAZSON,
Chaplain, W. H. JONES,
Gate Keener Geo. AMEY.

Rounder Company C Treasurer, P. B. Maxson, Emporia, Lyon Co. Chaplain, W. H. Jones, Holton, Jackson Co. Gate Keeper, Geo. Amer, Geo. Amer, Cores, Mrs. H. A. Sims, Topeka, Shawnee Co. Pomona, Ms. H. N. Barnes, Manhattan, Riley Co. Flors, Mrs. B. A. Oris, Topeka, Shawnee Co. LadyAs't.Ste'dMrs. A. Ripper, Severance, Doniphan Co. EXECUTIVE COMMITTEE.

M. E. HUDSON, Mapleton, Bourbon Co. Cha'n.
W. H. JONES, Holivn, Jackson County,
LEVI DUMBAULD, Hartford, Lyon County. County. STATE CO-OPERATIVE ASSOCIATION. President, M. E. Hudson, Mapleton, Bourbon Co. Secretary, A. T. Stewart, Kansas City, Mo. Treasurer, Wm. Sims, Topeka, Shawnee, Co.

DEPUTIES.

The following named persons have been appointed Deputies for their respective counties, and are hereby autherized and emp. wered to perform all the duties of their said office in any other county of this state, where no deputy has been appointed.

"Deputies will be re-commissioned, or new appointments made, upon recommendation of County or District Grange or majority of masters in counties where no such organization exists."

"Respect Gen" Dep. Others.

W. S. HANNA, Gen'l. Dep. Ottawa, Franklin County. GEO. Y. JOHNSON, JOHN ANDREWS, S. D. UNDERWOOD, G. F. JACKSON, D. O. SPUEGEON, JAS. W. WILLIAMS, R. F. EWALT., C. S. WORLEY, C. S. WORLEY, C. S. WORLEY, LAMES MCCORMICK, L. M. EARNEST. O. Br. William., L. F. Ewalt., J. S. Wobley, Chas. A. Buck., Chas. A. Buck. Garnett, Maywood, Anderson Wyandotte Harvey PAYNE, EIM Grove,
SUMMERVILLE, McPherson,
BOUGHTON, Phillipsburgh,
CARR, Larned,
Dyenge, Oxford, Ilm Grove. Phillips Pawnee Sumner Allen Merris H. BOUGHTON,
P. R. CARR,
H. PIERCE,
AMES FAULKNER, Iola, Hill Springs, Miami Bourbon Brown Smith Glendale. GEORGE AMY, HERRINGTON, D. COVINGTON, H. JONES,

At a meeting of Williamsport Grange held April 28, 1877, the following resolutions were unanimously adopted :

WM. SIMS. Master.

H. CHANDLER.

WHEREAS, This Grange has heard with sincere regret of the disease of our beloved friend and brother, Orin T. Moody, who died at his residence in Williamsport Township, on Thusday, April 19, 1877, it is

That in the death of our beloved Resolved, That in the death of our beloved brother, the Patrons of Husbandry have lost an ardent supporter, this Grange an honored brother, the church and Sabbath-School a consistent and useful member, his family a kind and indulgent father, and the community a useful and considerate friend and neighbor. Resolved. That while we bow in submission

to this stern decree, and though our days may be extended to three score years and ten, yet we realize the solemn truth that we too must

Resolved. That these resolutions be publish ed in the KANSAS FARMER, and a copy sent to the family of our diseased brother. P. C. CONRON

Committee. Geo, H. BOWHAY, J. M. WESTGATE, "THE REGULAR EXERCISES."

The Order of Patrons may be said briefly

to have these two objects: I. To help farmers to live within their means, and even to accumulate something, without working incessantly.

II. To lead farmers to see that a profitable life consists of something more than mere drudgery and money-making, and to shape their own lives accordingly.

The first of these the Order aims to accom-

plish by affording its members opportunities into closer social relations, and by surroundties and with educating exercises and influences the declared objects of the Order cannot be attained.

There is, however, a proneness on the part of the subordinate granges to lose sight of the real purposes of the Order, and the part they have to take in carrying them out. This lifeless granges alone. It applies in an eminee to some granges of large membership, which own halls, and hold frequent regular meetings that are said to be well attended and highly interesting. The trouble is that these frequent regular meetings are devoted to matters that are irrelevant to the proper work of a subordinate grange : or else are only is pre-eminently the case in those subordinate granges that devote much time to the consideration and discussion of abstract questions in

BENEFIT OF THE GRANGE .- "Do you take a Grange paper?" I asked a well-to-do farmer and patron, who, with his wife, were on their way from the West to visit the Centennial. "Why, yes, I did take an agricultural paper before I joined the Grange." "But do you take a Grange paper now?" "Well, you see, when I joined the Grange Turker of the control of the contr I joined the Grange, it took a Grange paper. and so I gave up my agricultural paper, because I could read the paper taken by the Grange." "So you take no Grange paper?" persisted I. "Why, no, I read that one taken by the Grange." God bless your poor, little, stingy soul, thought I !- A. B. G. in Husband.

There are thousands of just such broad guaged chaps out West who swindle their minds to save a dollar.

The Patrons and Sovereigns of Industry of Battle Creek; Mich, and vicinity, are about opening a co-operative store in that place, and considerable discussion as to their probable success or failure is elicited. The Grange element thereabouts is well to do, intelligent, influential, and large in numbers. They have had the project under discussion for a year or more, moved slow and cautious in the matter. and have taken due time to perfect the organization, which is formed under the State laws. part of three counties and of the mechanics in Battle Creek belonging to the Sovereigns of since the formation of cur government. Who Industry. This is undoubtedly the most extensive co-operative enterprise ever attempted in Michigan, and the result is watched with

sand times over for those that will avail them. It is advantages. It pays many times \$1,000 and when I came to pay him, its cost in the increased sociability of its mem. I lugged along 85 lbs, weight of silver, or a bers, and this is but one in the long list of greenback note for a \$1.000, which would he benefits. In regard to its being dead, it is as, seried by those who cught to know "That receive in preference?" I would advise the series of th erted by those who ought to know, "That the Order was never in a more prosperous cons friend to study his article better before he dition." True there are some that "were mempublishes again, as he contradicts him. a helping hand. It recognizes the fact that how absurd to advance such an idea in the those who try to help themselves are deserving of help; and "he who would be free him; lations of the well known fact, that all the circulations of the well known fact, that all the circulations of the well known fact, that all the circulations of the well known fact, that all the circulations of the well known fact, that all the circulations of the well known fact, that all the circulations of the well known fact, that all the circulations of the well known fact, that all the circulations of the well known fact, that all the circulations of the well known fact, that all the circulations of the well known fact, that all the circulations of the well known fact, that all the circulations of the well known fact, that all the circulations of the well known fact, that all the circulations of the well known fact, that all the circulations of the well known fact, that all the circulations of the well known fact, that all the circulations of the well known fact, that all the circulations of the well known fact, the circulations of the circulations of the well known fact, the circulations of the cir ing of help; and "he who would be resembled as self must strike the blow." Investigate the cases of those who have "made nothing by joining the grange" and we will find they were drones among the workers.

A writer in the Ohio Farmer says: We hope that Patrons will see where their true interests lie, and not flag in the support and building up of your agencies. If yeu compare your condition with what it was three years ago, you would readily see the force of this appeal. Then you paid local agents for reapers and mowers from \$180 to \$220. Now you get the latest improved machines through your agents at about forty per cent. less. Then you paid for a chilled plow \$14; now you can get one equally as good—many say a better one—for \$8. On other plows you save from 25 to 40 per cent. On planters, cultivators, and all other implements, there is a large saving ; and on what is needed for the house we have saved from 25 to 100 per cent. Now suppose you allow the agencies to go down what is there to prevent you from drifting back into the old channels, and be again bled by the same leeches? It is really a matter for your serious consideration, and we hope you will so view it.

PAPER MONEY VERSUS GOLD AND SILVER

Written for the KANSAS FARMER: In the issue of the FARMER, May 2nd, there ing etc. Bound in cloth \$1.00, but he pubs an article under the heading of "Money," that I would like to answer. The writer very prudently reserved his name, but I am shrewdt voter in the land. He objects to my claimly of the opinion that he is either connected ing that the farmers are the authors of our with the National Banks, or some lawyer who has no sympathy with the class he is addressing. Like a crafty skirmisher he commences with a good deal of adroit flattery, and asserts our mines etc. etc. He asserts that the farmer that it is "highly necessary that they (the farmers) study every important political question, with a view to forming an intelligent, in- ist are the parties who develop our country. independent understanding of the government under which they live." Good, and my unknown friend, that is just the course we are going to splendid structure is rected, but he is not fit to pursue in the future. Again he remarks: "money represent the grandeur and solidity of the is a leading subject of political economy, which every farmer should think about; not merely how to make it, but to enquire into its nature and office." He then comes at me and insinuwere more mistaken in your life, my friend! I never held an office or asked a man for his vote. True I was named one of the Cooper electors not aspire. He next takes ground that I favor laws to regulate usury or interest on money. Mistaken again my friend! I am as much opposed to laws regulating the interest on mont ey, as I am in favor of laws enforcing a string. ent license law, as I consider it impolitic to All I advanced on that point, was, that the ences. But in the accomplishment of either per cent instead of giving it to a lot of paradinate granges--are the principal machinery. dustrial classes with, as long as there is any If these are unprovided with business facilian hide left. Further on he remarks that "Literally hide left. Further on he remarks that"Literally before he goes much further he contradicts criticism is not applicable to the sluggish and himself by assertions that directly prove the contrary, but he makes one very pertinent rea mark and one that serves to indicate his feelings and the train of thought that suits him best, and the cause he has proved, he writes: "Gold and Silver money represents the Prince," (true, but we don't take any Prince in ours) a part of the proper work, and sometimes not and all species of paper money his servants." the most important part. Such, for instance, There is much more to the same point, but as we, the people are the sovereign power in this Nation it is altogether irrevalent. Further on parliamentary law .- Cincinnati Grange Bulle- he says "the paper dollars must be redeemed by gold and silver till the people are satisfied and the Prince is quieted." (how was the Prince quieted in England between 1796 and 1823 ?) "Money has intrinsic value which counterbalances any other species of property." Wrong again, my friend! Money is the representative of values and is made a circulating medium by the stamp of the Nation or corporation that issues it and that stamp gives it circulation by securing the confidence of the public. If you attend a public lecture, you pay your half dollar into an office and receive a check, it may be a slip of pasteboard, piece of it will pass you into the lecture room. If you and an honest weight. Now this is rather a tal. It is true they are necessary to each othhomely way to put the finance question, but er's existence, the best development of either it brings it down to hard-pan common sense. depends on the other, but those relations should Another point does our friend consider, that amicable. When capital assumes the position the amount of pure silver and gold contained of a task-master instead of that of a friend

all know that its value as a metal is not one in the future I close. SAMUEL SINNETT.

tenth of that sum. As for gold and silver be- Mascatine, Iowa.

A writer in the Son of the Soil says: Talk ing the money of the world that is all of the Grange not paying, its being dead and humbug there is no such thing as money all this; when the truth is it does pay a thoufriend to study his article better before he dition." True there are some that "were members but are not," yet for the most part these "never did the Order any good except in leaving it." Those who joined the grange thinking when once "within the gates" they would have nothing to do but sit down and fill their pockets, of course have been disappointed. The Grange is no friend to laziness, it has no need for idlers. But for true, earnest, thoughtful men and women it ever extends a helping hand. It recognizes the fact that debt or evidences of indebtedness in the shape of bonds, and this circulation based on debt. (as he states "debt is a void, something that has been wasted,) is foisted on the people at a cost of about 20 cents on the dollar in place of the National Greenback that is based on not only all the gold, silver, and real estate, but every particle of personal property in the Nation, and in fact, makes the greenback the best and safest money ever issued by any Na: tion under Heaven. And yet shame! for our manhood and good sense, we are burning up the best money we ever had for the spurious issues of a lot of National Bank based on a void, (agreeable to the statement of our friend) over a million and a half of greenbacks burned last month, to be replaced by National bank notes. To get at a correct understanding of this money question, I would advise our friend or any person wishing to obtain reliable information on money and its productions, to send to W. A. Berkley, Esq., Grand Rapids, Mich. igan, for a copy of his work on the money question. The price of the work varies as to bindlishes a very able pamphlet, which he sells for 25 cents, that ought to be read by every prosperity as a Nation—that my assertion that the farmer builds our cities, towns and rail roads, places steamboats upon our rivers, opens does none of those things, that the merchant, manufacturer, mechanic, engineer and capital-He is willing to let the farmer act as the mudsill on which the foundation rests, and the structure itself. Now such sentiments are better suited to a Southern carpet-bagger or a Wall Street speculator, than an inkebitant of Kansas or the West. I assert and defy contraates I am an office or place hunter. Never diction that ne nobler, energetic, or more public spirited class of men exist er ever have existed than the hardy pioneer farmers of the West; they, and they alone are the primary cause of for Iowa, but it was a position to which I did all our great enterprises. Without their bold enterprise and manhood, this valley of the Mississippi that is destined to become the richest and most powerful section of land in the world would be nothing but a howling wilderness. It is true they may not possess the polish of a Chesterfield nor the refinement that pass laws that wont be enforced or respected. characterises the elite of society, but they have what is a thousand times better, a spirit of making them better farmers. The second it seeks to accomplish by bringing its members direct to those who needed it to build up and der tien and without which we could not exist. velope the best interests of the country at 2 and were the destinies of the great nation placed in their hands (as they were in the the popular branches of the Order—the subore sites called National Bankers to skin the in- earlier day of the Republic) instead of a lot of scheming lawyers, our national credit would never have suffered as it has, and our green. paper Money is an impossibility." What does back dollar would be the standard dollar tohe mean? He might as well assert that the day, and our national debt would be owned sun is a hambug and it is only a delusion to at home as it is in France, and instead of being assert that it gives light and heat, etc., and a means of oppression to rob the people it would be a means of disseminating the nations al wealth where it would be productive of the most good, amongst the industrial classes. Our friend has not been studying the situation of France, or he would not refer to it at all, as the situation there is the strongest argument that can be brought to overset his whole theory. In the 86 departments of France, the National Blue Back is a legal tender for all debts; it cir. culates side by side with gold and silver at par and in some places a slight premium is paid on it to avoid the more cumbersome metalic money. At no time was it ever at a greater discount for gold than 21/2 per cent. The national debt is \$5,000,000,000 (interest on the bonds 31/2 per cent.) owned principally at home. The government is in no hurry to pay it and the people don't care about its being paid as it acts like a powerful engine to aid circulation throughout all the Arondisments of the Republic France, from our bitter experience in financial matters, I am not surprised that our friend is incredulous about the immense accumulations of the precious metals in the vaults of the Bank of France, but the confidence of the French people in their national tin or copper, but you take it in confidence that paper money, is the key of the whole secret; and their confidence in our credit, is greater purchase grain from me as a farmer, you wont than our own as they have effered to take 300 pay me any more for said grain if I measure it millions of our 4½ per cent., National Bonds out of a gold or silver half bushel or weigh it and pay gold for them. Another remark and on a pair of golden scales. All you require, I have done. Our friend don't appreciate the and all you will pay for, is an honest measure true relative position between labor and capi-

ADVERTISEMENTS.

Our readers, in replying to advertisements, in the Farmer will do us a favor if they will state im their letters to advertisers that they saw this advertisement in the Kansas Parmer.



Supt. Staker, of Iowa State Agricultural College Farm, says: "We have had one of them constructed and it is now in successful operation. After giving the gate a thorough trial, we have no hesitancy in pronouncing its complete success. Farmers pronounce it the best gate yet produced."

Simple, Durable, Cheap. Can open and close is without leaving your horse, carriage or load. Canno snow or freeze it up. Works easy. No weights, pulleys or ropes. Any farmer can build it. County an State rights for sale cheap for cash. Farm rights \$5.0

Who Wants a Farm Cheap? 500,000 Acres RICH arming Lands for Sale

The Lands of the Jackson, Lansing and Saginaw Railroad Company are

Now offered for sale at LOW PRICES AND ON LONG TIME.

They are situated along its railroad through the Central part of the State of Michigan from the Saginaw river nearly to the Straits of Mackinaw, and contain large tracts of farming lands as good as can be found in any part of the United States, are well timbered with hardwood—maple, beech, elm, oak, ash, &c., and well adapted to CDATA SCHOOL CO. ed with hardwood—maple, beech, elm, oak, ash, &c., and well adapted to GRAIN, STOCK and FRUIT growing. Soil, black sandy leam and abounding in springs of the purest water. Price of Farming Lands from \$2.50 to \$6 per

Acre. Send for illustrated pamphlet full of facts and figures. Address

O. M. BARNES,

The Patrons' Commercial Agency OF COLORADO,

Is now prepared to handle all kinds of Farm Produce on commission only. Patrons will find it to their interest to transact their business through this Association. It'is owned and managed by Patrons only. W. H. GRAFFLIN, Business Manager, DENVER, Colorado.

THOMAS

Smoothing Harrow!



It carried off highest premium over all competitors t the great Centennial Exhibition. It saves its cost in corn culture on every twenty

cres planted.
It is unequaled in smoothing and preparing ground
or grass seed and clover, and for covering all light seeds.

It is admirable for loosening the ground in winter wheat, and will add several bushels to the yield per acre. Prices reduced. Send for circular to COLMAN & CO., St. Louis, Mo.

THE FURST & BRADLEY PLOW

WOOD AND IRON BEAM.

Our experience in the manufacture of this Sulky Plow—it having been eleven years before the public —has enabled us to discover and apply to the original machine many additional good points, and to remedy whatever objectionable features may have presented themselves. This places us far in advance of the experimenters, who, from the high reputation of our Plow, have been forced into making Sulkies, which they are lauding to the skies, but which are in reality crude, and comparatively untried. Don't be deceived by their high-sounding advertisements and pretentious claims, but before you buy, see the "Furst & Bradley," which has been so long and thorongply tried and "not found wanting." They are so simply and so easily handled, that a boy 12 to 14 years old can easily do as much plowing with them as any man, besides, they are not team killers. They will completely

will completely
Cover Weeds and Cornstalks
(Higher than Your Head) Without Choking.

Send for our Descriptive Pamphlet of 62 pages, furnished free, containing 40 illustrations and full descriptions of all we manufacture, such as Stirring
and Breaking Plows, Sulky and Gang Plows,
Walking, and Combined Riding and Walking Cultivators, Horse Hay Rakes, Harrows, Scrapers, etc. Also
containing many Tables, Recipes, Postal Laws, Medical Hints, etc., invaluable to the farmer and the household. We have them printed in English, German,
Norwegian and Swedish.

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PURE BRED BERKSHIRE PIGS.



Have made the breeding of Pure Blood Berkshires a speciality for ten years. My herd now numbers 200 head, including 150 spring and summer pigs, by my famous Sweepstakes Boar, Pritchard, and my young boar, Lord Liverpool 2d, and out of selected sows bred on "Creek Valley Farm," from stock purchased from some of the mostrellable breeders in America, I now have thirty-five choice sows, of the "Sallie," "Bob Lee," "Liverpool," "Bismark," and other good families, bred to my boars, Sweepstakes, "Richard," "Matchless," "Liverpool," and imported boar, "K's King" to farrow during spring and summer. Ship nothing that is not goop, and guarantee satisfaction to every purchaser.

SOLON ROGERS, Prairie Center, Johnson Co., Ks.

SOLON ROGERS, Prairie Center, Johnson Co., Ks.

MANTED energetic men to since the formation of our government. Who fatal to the welfare of both. With a sincere refuses to receive a nickel for 5 cents, yet we hope, that those relations may be harmonious in every county to sell our Indispensa-ble Household Articles to fam illes. Salary liberal. Add. BROWN & Co.,

Breeders' Directory.

HALL BRO'S, Ann Arbor, Mich., make a specialty of breeding the choicest strains of Poland-Ohma, Sunfolk, Zesex and Berkshire pigs. Present prices 1/2 less than last card rates. Satisfaction guaranteed. A few splendid pigs, jilts and boars now ready.

WM. HASTIE, Somerset, Warren Co., Iowa, breed er of Short-hora cattle, Cotswold and Leicester sheep. Stock for sale. Correspondence solicited.

O BADDERS, BREEDER OF CHOICE HIGH CLASS ins, and Leghorns. Eggs in season at \$3,60 per setting. A choice lot of Partridge Cochins for sale cheap. Correspondence solicited.

J. K. WALKUP, Emporia, Kans., Breeder of pure short-Horn cattle. General Butler at head of-herd. Correspondence solicited.

WARREN HARRIS, Trenton, Missouri, Breeder of Short-Horn Cattle with Herd-Book pedigrees, also, Pure Bred Berkshires. Correspondence solicited and promptly answered.

FRANK LEECH, Waterville, Marshall Co. Kaness, Breeder of thoroughbred Short-Horn cattle and Berkshire pigs. Stock for sale at fair prices.

DYRON BREWER, Glenn, Johnson county, Kan bass, Breeder of Poland-China Swine. Pigs, not kin, shipped by rail, and warranted first-class. Cor-respondence solicited.

T. L. MILLER, Beecher, Ill. Breeder of Hereford. Cattle, Cotswold Sheep and Berkshire Pigs.

A. J. VANDOREN, Fisk's Corners, Wisconsin Breeder and Shipper of the celebrated Esse Swine, direct from imported stock and in pairs not akin

C. M. CLARE, Whitewater, Wisconsin. Breeder stock. Purchasers desiring information or assistance are invited to correspond.

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TOHN W. JONES, Stewartsville. Mo., breeder of Thorough-bred Short-Hora Cattle of approved blood and pedigree. Also, breeder of Berkshires of the best strains in the United States and Canada.

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SAMUEL ARCHER, Kansas City, Mo., breeds Spanish Merino Sheep as improved by Atwood and Hammond, from the Humphrey's importation in 1832. Also CRESTER WHITE HOSE, premium Stock, and LIGHT BRAHMA CHICK-EVOLUME, EST 500 PAMES FOR SALIG HIS year.

DERKSHIRES a specialty. If you want choice Pigs, from fine imported stock, at low prices, address W. L. MALLOW, New Holland, Ohio. New Catalogue now ready.

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SAMURL JEWSTT, Breeder of Pure Blood Merino Sheep. 200 Choice Rams for sale. Correspond-ence solicited. Address Independence, Missouri. W. BLACKWILL, Breeder of Poland-China 8 wine, and Dark Brahma Fowls; Cedar Rap-Iowa. Pigs for sale at \$15 to \$50 per head. Eggs 0 per case, containing three dozen.

Nurserymen's Directory.

STRAWBERRY PLANTS.—The new ones at reduc-ed rates. Send for price list to SAMUEL MILLER, Sedalia, Mo.

STEAM GARDENS. Two acres of Glass. Cut Flowers and Bedding Plants by the million. Bot-tom prices. Try us. Price list free. MILLER & HUNT, Wright's Grove, Chicago, Ill.

PLOWERS.—All lovers of Plants abould send for Catalogue of Geraniums, Fuchsias, Verbenas, Roses &c., to RUBERT S. BROWN. Box 1188.

VILLA NURSERY AND GREENHOUSES.—Grape
Vines from 15 dollars per 1,000 and upwards, excellent plants. Greenhouse plants at lowest eastern prices. Address A. SAUER, Kansas City, Mo.

KAW NURSERY, WYANDOTTE Co., KANS.
General Assortment of Nursery stock. Especially
Apples and Cherry Trees, Grape Roots and other small
fruit plants.

Address

G. F. Espenhaum
Box 972, Kansas City, Mo.

HAWKINS & CORNISH, Goshen, N. Y., Growers and Importers of Select Garden and Field Seeds and Choice Seed Potatoes. Illustrated Catalogues free.

P. G. HALLBERG'S Nursery Gardens and Green-houses, adjoining city on the South. Choice rees, plants, bulbs, &c., very chesp. Send for price list to P. G. HALLBERG, Emporia, Kan.

MIAMI COUNTY NURSERY, Louisburg, Kansas, E. F. Cadwallader, Prop. Osage Plants, Apple Seedlings and general assortment of Nursery Stock, wholesale and retail. Price list free on application. GRAPE VINES our speciality. Largest assortment and best plants in the country, at low prices, Address,

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A PPLE SEEDLINGS, Osage Hedge Plants, and a general assortment of Fruit and Ornamental Trees, Vince, Shrubs, etc., etc. Wholesale or retail price list sent free. The Tebo Nurseries Co., Clinton, Henry County, Mo.

CALIFORNIA broom-corn seed; never turns red.
Broom machines. Broom-Corn Culturist. Send
stamp for circular. Charleston, Coles County, Ill.
R. A. TRAVER.

General Business Directory.

SHERMAN HOUSE. The old reliable Granger's Hotel, opposite the court-house, Emporia, Kan. J. GARDNER, Prop. Terms \$1 per day. 'Liveand let live.' PLORENCE EATING HOUSE. Passengers can get a good square meal for 35 cents at C.T. DIXON's Bakery and Eating House, North-side of Railway, Florence, hansas.

D. H. WHITTEMORE, Worcester, Mass., makes a machine that at once pares an Applessices off and separates. Warranted satisfactory. Price, \$1 and \$1.50 each. Sold by Dealers.

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J. SAFFORD, Attorney at Law, 203 Kansas Ave.,
Topeka, Kansas.

Dentists.

A H. THOMPSON, D. D. S., Operative and Sur geon Dentist, No. 189 Kansas Avenue, Topeka Kansas

WILL PAY for 6 nice plants, prepaid by mail, of the Capt. Jack, Triumph of Cumberland, Col. Cheney, Star of the West, Monarch of the West, Boyde'ns No. 30, and six each of Lowner's Prolific and Chas. Downing, the best early straw berries. This is the champion list. SMALL FRUITS A SPECIALTY. Address.

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The Kansas Farmer

J. K. HUDSON, Belter & Proprietor, Topaka, Kan

\$20 Worth of Papers Given to Assist in Making the County Fairs of'77 a Success.

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Under conditions which imply neither additional expensen or trouble to Agricultural Fair Associations, the following Special Ransas Farmer P ve en offered to every Association in Kansas, Colorado

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	AS PARMER SPECIAL PREMIUMS.
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	. 16 by of Oats B. Dr. 1 yr.
	All to be exhibited by the grower.
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boy under 15 years of age Y. F. 1 yr. Pig owned and exhibited by boy under 15 years of age Y. F. 1 yr. Lot of Chickens of any one Made Calico Dress, by any girl under 15 years of age. Y. F. 1 yr.

Roll of Butter, made by girl under 15 years of age. Y. F. 1 yr.

Loaf ef White Wheat Bread made by girl under 15 years. Y. F. 1 yr.

Bonquet of Flowers, raised and exhibited by girl under 15 years of age. Y. F. 1 yr.

We hope our readers who are members of the various county Societies will use their influence in haring.

Societies will use their influence in having the very liberal oner or the FARMER accepted. No greater help to agricultural progress can be introduced into a community man a good, live agricultural paper; No more appropriate premium can be offered than farmers journal.

BALANCE OF THE YEAR FOR ONE DOLLAR.

The Kansas Farmer.

IS THE PEOPLE'S PAPER,

And should be in the hands of every Farmer in the West. The FARMER offers no cheap pictures as premiums to secure subscriptions. The course of the paper will continue to be straight to the front as a fair exponent of the rights and interests of Agriculture, without truckling or pandering to prejudices for support. It aims to commend itself to evnry thinking citizen as worthy a place at his family fireside.

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cate—Progressive; Aggressive, and Original. BECAUSE It is unobjectionable as a Family

Paper, and of interest to every member thereof. BECAUSE It publishes a Reliable Summary of the Proceedings of the Legis-

lature. BECAUSE It publishes the Official Stray List of the State, of value to every far-

mer. by farmers, from every county in

the State. BECAUSE It gives Reliable general Market Reports from the great business

centres. BECAUSE It gives the Experience of Practical Farmers on every subject.

BECAUSE It is not the organ of any ring, sect, clique, or political party. BECAUSE The Departments devoted to Agriculture, Horticulture, Stock Breed.

ing, Dairy, Apiary, Poultry, Sheep and Wool Growing, Science, Lit-erature and Home Reading are carefully edited, and contributed to by the ablest writers in the State and the west.

MEETINGS OF MASTER OF KANSAS STATE GRANGE.

Master Sims, who is now doing some excellent work for the Order in Kansas in resuscitating it and placing it upon a business basis; will visit various parts of the State during the summer. May 18 and 19, Master Sims will be in Dickinson county; 21 and 22, in Saline county; 24 and 25, in Ottawa county; 26 and 28. in Mitchell county; 29 and 30, in Cloud county and 31 and June 1, in Clay county; the of patented humbugs-nearly everything we meetings to be fixed by the county deputies. We hope the Patrons of these counties will attend Master Sims' meetings and cordially assist him in building up the Order in the State.

MANUAL ON SILK CULTURE, BY REV. JNO

SCOTFORD, LOUISVILLE, KANSAS. We commence this week a publication of a manual on silk culture. Many enquiries have some volume giving the name, character, cirreach us from time to time, regarding this new industry in Kansas, asking for explicit and detailed information. Believing the growing of silk to be one of the practical and value able industries of our State we have purchased of Mr. Scotford his manual upon silk culti ure, which will be found to be clearly and well written, giving full information on every step necessary to successfully carry forward the growing of silk-cocoons. Mr. Scotford has contemplated for some time the publication of this manual in book-form, but believing our meaders would appreciate the contribution, it was purchased for the FARMER and will be continued from week to week until completed.

BOING THE PEOPLE'S BUSINESS.

There is a prevalent well grounded feeling throughout the country among the mass of the people, that sooner or later there must be a horough business system of civil service adopted for our country. While to:day the subject as a hackneyed political war whoop for campaign speeches has been subjected to ridicule, there exists a well defined conviction that the public business of fifty millions of people should be done upon business principles and by competent men. The army of professional office-holders and partizan bummers has become a power in the country from small county towns up to the National Capital, who will always be found sneering and ridiculing the idea of civil service reform. So long as the dispensation of offices is a part of the machinery of partizan politics, so long as the Congressmen and the United States Senators use this patronage to pay their political debts, it is not to be expected that there will exist that efficiency or that economy in the trans. action of public business that the interests of a large country demand. In Kansas and every other State, politicians deliberately plan a campaign with a view to disbursing the offices as pay for help in carrying districts. Every minor office, from Deputy U. S. Marshal of a county, to the most lucrative positions, are used as so much capital to be paid in the campaign. Every trade, every bargain, barter and sale, is made, on the one hand by the Congressman to secure workers in his behalf and on the other, by these strikers to secure voters. Once give to this country a civil service, which will take appointments out of politics and the most corrupt element is removed. Congressmen and senators may then be permitted to make their canvasses upon their merits and the ssues they represent. When they have taken their seats as representatives they will not be dogged by a crowd of hungry place-seekers and they will not be under the painful necessity of explaining how one office came to be promised to a half dozen men.

There is a belief and it is borne out in very many cases by the facts, that a public office secures to an individual a place where the labor demanded is not in accordance with the pay, and that the individual could not earn the salary in any legitimate branch of business. The course of President Hayes upon this subject meets with a cordial endorsement from the people. That men should not be removed from office without a cause, that every supernumerary hangeron in the various branches of civil service should be discharged that, in short, the business of the people should be conducted with the same degree of econor my and care that a private individual exercis es in his own, is the course pursued by the present administration and is one which commends President Hayes as earnestly carrying forward the promises made in the inaugural

THE SEWING MACHINE MONOPOLY.

Since 1851 the sewing machine monopoly has been an oppressive one upon all classes buying this kind of machinery. The profits exacted by the combinations owning these patents have been excessive and outrageous. About a week since a number of important sewing machine patents expired. The commissioner of patents refused to grant these renews als any longer, and congress declined also, al- saddles, and fittings of every kind needed though one hundred thousand dollars had by horsemen and farmers. Give the old firm been pooled by the four great companies to a call in their new quarters, and examine their rocure an extension of their believed now that the prices of machines will within a year or less be very much lower than ever before.

The New York World says the following statements of the cost of a machine was obtained from a careful average of the business of a first class company, and was based upon the sale of 4,000 machines upon the lease sys-

Cost of manufacturing a \$70 machine. \$15 00 Proportion of expenses of distributing offices on each machine...... 10 00

Commission paid to canvassers, 30 per cent...... 21 00

Cost of collecting quarterly payments 700 Total..... \$70 00

If the price of a good sewing machine is reduced to twenty five dollars, it will be a God send to the poor sewing women of the country and yet fully repay the manufacturer and agent who sells them. The country is full Every crooked wire, every linch pin or horse shoe nail has some tinker demanding a tax upon it for his patent twist.

ROWELL'S NEWSPAPER DIRECTORY.

The Directory of Geo. P. Rowell & Co., for 1877 has been received. It is a large, hand culation, &c., of every paper in the United States and Canada. The special feature of the preceeding volume, viz: the marking by characters the business management of papers' has been dropped. The new feature of the present volume is the description of the towns in which the papers are printed. This immense volume shows at a glance the magnitude of the newspaper business. Messrs. Rowell & Co., by their enterprise and business sagacity have made their firm one of the heaviest advertising agencies in the world. The Directory is sent to any business house for the price-\$5.00.

FARMER BALANCE OF THE YEAR FOR \$1. Sent postage paid to any address in the

Minor Mention.

CORRECTION.

EDITOR FARMER:—In my recent article in the FARMER on "Roots as food for stock." The types make me say that "roote are unwhole-some food," when I meant to state the very reverse. And in giving the aggregate amount of fat-farming material in clover hay, I am made to say that "two tons will give 8,000 pounds." This is rather too much, as it is but 40 per cent. which would make it read 800 instead of 8,000.

One of our subscribers wants to know where e can get artichokes for seed. Who has them for sale? Let them be advertised, there is nothing cheaper or better for stock feed. Another wants to enquire as follows:

EDITOR FARMER :- I wish to inquire through the columns of your paper about the Brazilian Artichoke or Chufa, if they are the same plant, or if they are distinct species, if at present very good, 35c per bushel. either plant is cultivated at the Agricultural arm. Also where I could procure seed, both f the Chufa and of the Brazilian Artichoke Farm. if they are distinct plants, an early answer is solicited. John Horn,

We ask Prof. Shelton to answer. By the the way, we have an excellent article on grows ing corn from Prof. Shelton, read at a grange meeting at Manhattan. It will be published next week.

Automatic Gate.—There are many patent gates in the world, some are practical, but most of the self-opening gates are more expensive and ornamental than useful. The gate advertised by Mr. Rix, of Topeka, which he very broadly claims to be "the best gate on earth," is a simple, durable and cheap automatic gate, which recommends itself to every man who examines it. Every farmer who has climbed down from a load of hay or left a pair of spirited horses in the road unhitched while he opened and shut a gate, or let down some bars, will appreciate the value of his gate. It is altogether the best gate of the kind we have ever seen.

We are glad to learn that the Kansas Manufacturing Co., of Leavenworth, an institution second in importance to no other in the State, is in a flourishing condition, and is now producing at the rate of 20 wagons per day or over 6,000 per annum. When we reflect upon the enormous sum produced from the sale of this large number of wagons and that it is retained and expended among our own people, it is easy to understand the immense importance of sustaining and building up our home industries. A result directly produced by the establishment of this enterprise, has been a reduction of at least \$10 per wagon to the farmers, and at the same time furnishing them with a better article than they have hitherto had. Let us sustain and build up home manufacturies, until every agricultural implement used by our people is made in our

One of the Old and Reliable Firms-For ten vests or more the farmers of the several counties, who have, from time to time, purchased harness in Topeka, will remember the fair, square dealing of the old house of Burkhardt & Oswald. They have moved into new and larger quarters on the east side of Kansas Avenue. The trade of this firm has been built up by strict attention to business and doing honest work. All grades and styles of harness, able prices.

Short-Horn Cattle Sales :- Mr. D. B. Burdeck, of Fairfax, Osage County, informs us he has made the following sales of thorough-bred Short-Horn cattle: To Mitchell & Mings, near Burlingame, one bull calf; to Weller & White, of Marion, Douglas Co., one bull calf; to Mr. Kane, near Burlington, a bull calf; to Mr. Miller, of Wabaunsee Co., also one bull calf; to Marshal Carmine of Lawrence, the splendid two-year-old bull, "Kansas Boy." Mr. Burs dick reports the demand for short horn cattle constantly improving.

Sickness of the Secretary of State Board of Ag riculture.-How Alfred Gray has been, for the past two weeks, very sick—the result of overwork. Since Mr. Gray's return from the Centennial, where he did the work of two men during the exhibition, he has not been entire; ly well. In his effort to get his Annual Report out, since the Legislature adjourned, he has over-tasked himself and is now confined to his bed. His physician expresses the hope that he will be able for work in a short time. To those who are expecting the publication of wear or use or eat or drink has a patent on it. the Report, this will be an explanation for the

Continuous Rains .- Kansas is having at this time continuous rains. We do not remember in many years to have seen as much rain within as many days as has fallen since last Friday. About one half of the corn crop is planted throughout the State, except in the Southern counties, where a larger per cent. is planted at this time with prospects as good, if not better than ever before in the history of

SCROLL SAW & LATHE.

For boys or men, cheap and useful-good for amusement, and for profit. Call and see the Lathes at D. H. Forbes' Hardware Store, Topeka, Kansas.

Help for the weak, nervous, and debilitated. Chronic and painful diseases cured without medicine. Electric Belts and other appliances, all about them, and how to distinguish the genuine grom the spurious. Book with full particulars, mailed free. Address Pul-Cincinnati, O.

Crops, Markets & Finance.

Opinions, Facts, and Figures from Vario usSource

BEPORTS FROM ELEVATORS AND GRAIN COMMISSION MERCHANTS.

The following prices are ruling this date Buying price. Wheat, No. 8, \$1.75; No. 4, \$1.70. Corn, No. 2, 87c. Oats, No. 2, 80c; no grade, 25c. Rye, No. 2. 70c; no grade, 65c. THEO. PACHLEE. Lawrence, Kan., May 11, 1877.

From Johnson County.

May 1.-The prospects for wheat. are very good, acreage small. Thermometer stood, April 30, at 32°; great fears were entertained about the fruit, but as yet it is all right on high land, prospects were never better. Most of the fruit on low lands was winter killed. A great deal of corn is being planted; prices

From Jefferson County.

May 9.-No hoppers have hatched in this section at this date. Corn planted before the heavy rains is coming up very poorly, and what came up is being taken by the ground squirrel. Is there any way to prevent it? Can strichnine or arsenic be used in any way to kill them? If there is no way to poison them would it not be advisable to sow a few quarts of corn to the acre just before the corn comes up. Corn soaked in copperas water has little or no effect on them. Thousands of bushels of corn may be saved if the right thing can be done in the right time. J. RUTTY.

From Osborne County. May 7. The all-absorbing topic is, will the grasshoppers use us up or not; since the heavy rains of April 25, and 26, but few hoppers have been seen but whether, in the language of the Industralist "they will boil out of the ground in millions" when it becomes warmer remains to be seen. No amount of serious damage has been done by them; some pieces of spring wheat and rye have been damaged but only in strips along the edges. There is no organized effort against them, but the prais rie has been burnt, ditches plowed and the insects drawn in and burned, so a good many have been destroyed, but should all the eggs deposited hatch, (and I don't think they will) they can only be fought by the fountain head that sent them. Crops look well, never was Osborne county blessed with better prospects than this spring for a good crop. Quite a number of families have removed to Oregon, but immigration to this county is upon the increase and land becoming more valuable. Corn is now worth 40c and upon the rise.

S. B. FARWELL.

From Lyon County.

May 10. We are having a cold and backward spring, the corn not all planted yet. Small grain is looking well, spring wheat and oats look fine, have not heard of the locust doing any damage as yet, do not think they will damage as much ; stock are on the range dong well, the prospect in our county for all sinds of fruit is good. I have about 500 bearing peach trees in my orchard loaded with peaches, have 900 apple trees, 125 of them 8 years old are commencing to bear, planted about 800 this spring, all are doing well; our farm is an upland farm and in a good season produces well, would advice young men in acre. Good churches and an enterprising peo-W. B. R.

Hoppers about all hatched out and gone, don't know where, done no damage excepting a very little near the timber. Farmers very lively and in good spirits, cattle doing well; two cheese factories running now in Americus, will manufacture the milk of over 500 cows this summer. C. BAMESBERGER.

From Sumner County.

May 5 .- We are having cold, windy and dry weather for this season of the year. Wheat does not seem to be suffering for want of rain but soon will; it looks very well. We have some grasshoppers here but they have done no damage as yet. In some localities on the Arkansas you will find bare wheat fields that are charged to the hoppers, but my observation is that the sand blowing was the sole cause. The hoppers do not seem any larger than they did 4 weeks ago; we are but little alarmed here, the blackbirds are taking more corn than the hoppers could take if they were to try. The law should be so amended as to allow the destruction of the red-necked blackbirds. Barley is very nearly a failure this season, and alfalfa clover, after three years experience, is a perfect sell, really a trifling A. G. FORNEY.

From Greenwood County.

April 30 .- The farmers in this locality are nearly through planting, will finish planting with fine success. The people did not orcorn this week. Grasshoppers are hatching ganize under any law, so far as I learned, slowly but are doing little damage as yet; the but unity of action seemed to be sec ured by most of the farmers think they will do but general consent. The farmers rendering fall wheat sown but the grasshoppers took it where anything in their "general burns." As a rule, all; the second sowing looks rather poor and tion had been secured, the people claimed will not market more than half a crop; rye is to be "master of the situation," and were about the same. There was a small acreage plowing and planting (when not fighting of oats sown this spring but what there is looks well. Stock has wintered well and gone out to grass in better condition than usual, considering the long, tedious winter we have and united action on the part of our people, had; we commenced feeding them the first of in their different neighborhoods-in case November and had to feed them till the 22d township organizations are not thought to of this month. There has never been a better be best-cannot fail to be productive of sat-VERMACHER GALVANIC Co., 202 Vine St. prospect for fruit than we had up to yesterday morning, when we has a heavy frost that Topeka, May 14, 1877.

froze the potato tops to the ground and all the garden stuff that frost could hurt, and we are fearful that the fruit is injured, perhaps seriously. There will be a larger acreage of corn planted in this county than ever before, and most of the farmers are getting their land in better condition than usual. There has been seven families from Illinois settled in our neighborhood since last fall, and they are putting up good buildings and are fencing a large quantity of land preparatory to planting a sod crop this spring.

From Miami County.

April 29.—The farmers are greatly encouraged with the flattering prospects. Wheat and rye never looked better, almost every farmer has from 5 to 40 acres of wheat. Oats look well but there are not many sown here. The fruit crop will, no doubt, be a very large one, as the trees, vines and bushes were never fuller of bloom, so if there is no frost we are all right. I have been through the adjoining counties this spring, and find old Miami county is equal to any and better than many for fine, large orchards and vineyards, and I think she could furnish the State with fruit this season if every bloom should prove to be fruit. There were but few grasshoppers here last fall and too late to deposit any eggs, therefore we don't feel any fear of them this spring.

The farmers are improving their breed of stock; the Norman stock of horses is well liked in this county for farm use. The Poland. China hogs are taking the lead of others. Mr. Tamblyn sold several at eight months old that averaged 302 lbs each, they were full blood Poland Chinas. J. H. Ebys hogs averaged 414 lbs at 18 months old : those are the only Poland breeders in this immediate vicinity, and always have on hand some very fine pigs for sale. The prospect of war is having a tendency to raise the price of farm products; wheat is selling for \$1 50 per bushel; corn 331/c; cats 27c; potatoes 25c.

Farmers are counting corn as the staple product of this county, as they think of sowing but little small grain hereafter, for they think it produced more insects than corn. The tame meadows are very scarce as the hoppers destroyed all in the county when they made their last visit and we are very timid about G. E. STEWART. sowing any more.

From Pawnee County.

April 28.-Winter wheat in good condition, could not ask it better; amount sown in this county is from 12000 to 15,000 acres. Stock generally in fair condition. We have had one week of wet weather, ground is wet 18 inches deep. Immigration very large. No grasshoppers in our county.

HENRY R. SALMANS.

From Reno County.

May 2.-Wheat is \$1 75 per bushel; potatoes from \$1 00 to \$1 20; flour \$8 75 to \$4 00; butter 20c; eggs 10c, corn 60c; cats 85c; good cows \$80 to \$40; good claims from \$200 to \$5 00 owing to improvements. Plenty of good water and good health; no better wheat country in America. ZENO THORP.

LETTER FROM MASTER OF STATE GRANGE ON THE GRASSHOPPER QUESTION.

EDITOR KANSAS FARMER :- Enough has the Eastern States, dwelling among the hills been said and written on the grasshopper and rocks to "go west young man and grow question to establish the fact that a large up with the country, we have plenty of good majority of these insects hatched, have been es; but it would be unsafe and unwise, in my judgment, to depend entirely upon such agencies for their entire destruction.

Plans and suggestions, sufficient for our guidance, have been devised and made known by those best informed as to the means necessary, to enable us to complete the work of extermination, or at least to so reduce the number, which may escape death from climatic and other causes, as to render them powerless, so far as any material interference with our crops is concerned. While I have great confidence in the re-

ports of the general, and in some instances, total disappearance of the young locust, I, at the same time, think we should not rest in the belief of secureity without any effort on our part. We should hold ourselves in readiness to give battle, in case it should be necessary. I have, to-day, for the first time, discovered the 'hopper on my place, in considerable numbers, on small patches, hence I think it important that we, of this locality, watch his movements and development closely, and be ready to strike when a favorable opportunity favors. I have spent about three weeks travel-

ing in the north ern part of the State, re turning home last Saturday. I found the 'hoppers hatching along the north line about three weeks ago, and heard the same reports as to their disappearance, common from other sections, and have no doubt about the correctness of the statement; but they did not all disappear, and the farmers, as a rule, were waging, what to me seemed a very successful war upon them. Burning being the means generally resorted to, and each other assistance, when necessary, and the grasshoppers) with entire confidence in their ability to destroy the pestiferous insect and secure a crop. I am satisfied from what I have seen and heard, that determined isfactory and profitable results.

Kansas City Produce Market. KANSAS CITY, May 15, 1877. WHEAT—Weak and lower; No. 3, \$1 85½ bid spot; \$1 87 May; \$1 70 June; No. 4, \$1 67½ bid spot; \$1 65 May; \$1 61 June. CORN—Lower; No. 2, 41½c bid spot; 40%c bid May; 40c bid June and July. RYE—Unchanged; sales June 65c.

OATS-Nominally unchanged; 85c spot and PROVISION-Steady and unchanged. BUTTER-Demoralized; choice 121/c, at

best hardly quotable. Kansas City Live-Stock Market. KANSAS CITY, May 15, 1877.

CATTLE—Receipts. 468; shipped 256; driven out, 48; steady, weaker but not lower; shippers \$4 65 to 5 30; butchers' steady at \$4 30; native cows \$4 20. HOGS-Receipts, 805; shipped 314; driven

out 523; weak; 15 cents lower; choice \$4 45 to 4 50; medium \$4 25 to 4 40.
SHEEP—Nothing doing. New York Produce Market.

NEW YORK, May 15, 1877.

FLOUR—Dull and strongly in buyers' favor; superwestern \$7 20 to 7 60; common to good \$7 75 to 7 90; good to choice \$7 95 to 8 05; white wheat extra \$8 10 to 8 20; St. Louis

white wheat extra \$6 10 to 5 25,
\$7 90 to 11 25.

WHEAT—Dull and in buyers' favor; inferior spring \$1 45; No. 2 Chicago spring nominally \$1 90; No 2 Milwaukee spring \$1 95.

RYE—More steady; western \$1 to 1 02.

BARLEY—Scaree and firm.

CORN—More doing; high mixed 68½c;

steam mixed 69 to 7014c.
OATS—Dull; mixed western 41 to 63c; white EGGS-Quiet and heavy; western, 12 to

121/c.
PORK—Quiet but steady and unchanged. LARD—Dull and heavy; prime steam new \$9.62½; old \$9.67½ spot; \$9.62½ to 9.67½ June; \$9.75 to 9.80 July.
BUTTER—Firm; western, 10 to 14c.

St. Louis Produce Market.

Sr. Louis, May 15, 1877. FLOUR-Very dull and only small jobbing

WHEAT-Dull and lower; No. 2 red fall, \$2 12; only \$2 05 asked, bid cash at call; No. 3 do., \$1 98½ to 1 95½ cash; \$1 75. CORN—Unsettled and fluctuating; 51¼c

cash; 51½ to 52½c June; closing inside figures 52½ to 58½c July.

OATS—Firm but inactive; 25½c bid; rejected sold 45c.

RYE-Lower at 86c. BUTTER-Unchanged.

EGGS-Steady at 9 to 91/2c. PORK-Dull; \$14 75 bid cash; sales \$14 90 to 15 July; \$15 15 August. BACON—Lower; \$5 75 to 7 871/2, \$8 20 to 8 25, \$8 40 to 8 50. St. Louis Live-Stock Market.

ST. LOUIS, May 15, 1877.

HOGS—Lower; light shipping to good yorkers, \$4 65 to 5; bacon, \$4 75 to 5; butchers, \$4 50 to 5. CATTLE-Not so buoyant but good steady demand at yesterday's prices.

> Chicago Produce Market. CHICAGO, May 15, 1877.

FLOUR-Dall. WHEAT—Fair demand; lower; No. 2 spring \$1 64 cash; \$1 65½ June; \$1 65¼ July; No. 3

spring, \$1 52.

CORN—Fair demand but lower; 52½ to 52¾c cash; 51c May; 52c June; 54¾c July.

OATS—Dull, and a shade lower; 42c cash or

5; good to choice native \$5 10 to 5 45.

HOGS—Very dull; packers holding off; shippers doing only a limited business; sales \$5 10 to \$5 622; heavy shippers \$5 30 to 5 60; few

SHEEP-Dull, nominal and light; fair to good \$4.75 to 5.25, choice to extra \$5.50 to 6.25; light shear, 1 \$3.30 to 3.75; fair to good \$4 75; choice \$4 80 to 5 25.

Baltimore Grain Market.

BALTIMORE, May 15, 1877. CORN-Lower all round; western mixed, spot, May and June, 67%, July, 69c; steamer

THE PRODIGAL. Inheritors of vast wealth are proverbially

spendthrifts. The golden ore is dug from the mine, refined, and coined, by the labor of other hands and the sweat of other brows. Like children playing with an expensive toy, they can form no just estimate of its value. When the donor weighed it, he cast into the balance so many days of unremitting and fatiguing toil, so many anxious and sleepless nights, so much self-denial, and so much care. But the inheritor into his balance throws only-pleasa ure. The one, values it by what it costs him; the other; for what it will purchase. Like the prodigal in the Scripture parable, he thoughtlessly expends it to gratify the caprice and cravings of his nature. Then comes the last scene-the misery, the remorse and the long and wearisome journey back to the home of frugal industry. But there are other prodigals. On her favorites our bounteous parent Nature, has lavished her richest treasure— health. But the prodigal values it lightly, for it costs him naught, and recklessly squanders it in riotous living. Present pleasure obt scures future want. Soon the curtain rises on the last scene. We see him helpless, impoverished,—the rich tressures of body and mind all lost,—in misery and despair. Remorseful Conscience holds up to him the mirror of mem. ory. In his own reckless folly he perceives the cause of his present pain. He resolves to return. The journey is long and tedious, but if he perseveringly follows the right road, he will at length see the haven of his hopes in the distance, and Nature, seeing her invalid child far off, will come out to meet him, and receive him back with love and blessings. To find the right road homeward, the suffering prodigal should read "The Peeple's Common Sense Medical Adviser." Therein it is completely mapped out, its landmarks all indicat ed and its milestones all numbered. Read it. Price \$150 (postage paid). Address the author and publisher. R. V. Pierce, M. D., Buffalo, N. Y.

Topeka Retail Grain Market. Wholesale cash prices by dealers, corrected weekly Wholesale cash prices by desires, corrected by W. Edson.

WHEAT—Per bu. spring. 1.86
Fall No.2 1.60
" No.4 1.60
" No.4 1.60
CORN—Per bu. 85
" White. New 85
" Yellow 93
COATS—Per bu. 60
RYE—Per bu. 25
BARLEY—Per bu. 25
BARLEY—Per bu. 5.93
" No.2 475
Buckwhest 120
CORN MEAL—120
CORN GHOP— 1.00
RYE CHOP— 1.00
RYE CHOP— 1.90
CORN & OATS— 55
BRAN— 55
BRAN— 55
BRAN— 55
BRAN— 55
BRAN— 58

Topeka Lumber Market. Owing to low water in pineries lumber is stiffering in wholesale market. No change here yet.

Corrected weekly by Hartsock & Gossett, Dealers in Hides, Furs, Tallow and Leather. .06 Topeka Butcher's Retail Market, BEEF-Sirloin Steak per lb

BEEF—Sirloin Steak per lb.

"Round"
"Roasts
"Fore Quarter Dressed, par lb.
"Hind"
By the carcass """

MUTTON—Chops per lb.
"Roast"
"By the carcass per lb.
VEAL—Steaks per lb.
"Roasts"
"By the carcass per lb. Farm Seeds.

The following are current jobbing quotations for arm seeds in the Kansas City market: Extra varieties....

PORK—Fairly active and a shade higher; \$14 20 cash or June; \$14 32 \(2 \) to 14 35 July.

LARD—Steady and firm; \$9 25 cash or June; \$0 38 to 9 40 July.

BULK MEATS—Easier; shoulders, 5 \(\) 6c; short rib, 7 \(\) 4c; short clear, 7 \(\) 2c.

Chicago Live-Stock Market.

CHICAGO, May 15, 1877.

CATTLE—Sales \$3 75 to 5 50; prices generally steady and unchanged; butchers and stockers \$3 50 to 4 50; fair to medium \$4 75 to 5; good to choice native \$5 10 to 5 45. Chicago Lumber Market. Common boards.
Fencing.
Joists and scantling, 12@18 ft.
Joists and scantling, 20 ft.
Joists and scantling, 20 ft.
Flooring, first and second clear, rough.
Flooring, first common. rough.
Flooring, second common, rough.
Flooring, first common dressed and
Matched

Flooring, first common dressed and Matched ... 25.00 228.00

Flooring, second common, dressed and Matched ... 21.00 23.00

Matched ... 21.00 23.00

Siding, first and second elear, dressed ... 14.00 215.00

Siding, first common, dressed ... 14.00 215.00

Siding, second common, dressed ... 12.00 213.00

Shingles, sawed A ... 2.33 22.75

Shingles, sawed No. 1 ... 75 20 1.50 Lath.
Timber, sawed, 12 to 16 ft....
Pickets, square
Pickets, flat....

EDITOR FARMER ;- Please inform Farmers through your columns, that they can always obtain the top of the market in cash, for their Hides, Wool, Peltsand Tallow, at the Old Leather Store, 13 5Kansas Avenue. And say further to farmers, that we can supply them with the best quality of Harness Leather. Sole Leather, or Upper Leather, in any quantity desired, togetherwith Threads, Lasts, Awls, Wax, Bristles, Pegs, Nails &c. &c. Prices satisfactory.

Respectfully, HARTSOCK & GOSSETT, 135 Kansas Avenue.

IN THE SWEET BY-AND-BY.

Cannot be but the happy thought as the fortunate recipient of the "ROCKY MOUNTAIN Tourist"scans its wonderfully attractive pages and persues its fascinating descriptions. Most beautifully embellished with new and highly beautifully embellished with new and highly artistic engravings, its letter-press a model of typographical richness, and the arrangement throughout simply superb, the ROCKY MOUNTAIN TOURIST is worthy of comparison with Picturesque America or The Aldine. It is written in gossipy, graphic style, covering details of the tour through the garden of the Southwest (the Arkansas Valley Southern

Southwest (the Arkansas Valley, Southern Kansas) to the very heart of the Alps of America—the Rocky Mountains. Jaunts are made to all the famous resorts of Colorado, the remarkable ruins, the springs, the mines, and in short, to every point of interest to tourist, agriculturalist, capitalist, miner, and invalid. With the Tourist, the San Juan Guide keeps fitting company, and the two publica-

Osage Seed Sprouted, and Hedge Plants at cost, by W. H. Mann & Co.

How to GET A HUSBAND.—Take of modesty a large portion; unite it with urbanity and good humor; to which add good sense, and plenty of love, with a virtuous heart and a pretty face. Take Simmons' Liver Regulator regularly, that the blood and complexion be pure and health good.

"From actual experience in my practice, I am satisfied to prescribe it as a purgative medicine, "T. W. MASON, M. D."

Ashton Dairy Salt is the only salt fit to dress butter with, because it is free from lime or other impurities. For sale at Ewing's 227 Kan eas Avenue Topeka. Read his advertisement in the FARMER.

MONEY! MONEY!!

If you wish to borrow money upon Real Estate, and get your money without sending paper East, and at reasonable rates, go to the Kansas Loan and Trust Co. Topeka Kansas.

THE SEASHORS AND EVATERING PLACES
Of the East become unitariting after frequent visits, but the wonderful scenery of the Rocky Mountains and the magic waters of the minerals springs have continued interest for the tourist and unfailing benefits to the in-valid. The Kansas Pacific Railway is the highway to all the great resorts of the Mountains. Buy your tickets direct to Denver over the Kansas Pacific Railway. Send to D. E. Cornell, General Passenger Agent, Kansas City, Mo. for descriptive pamphlets.

FARMER BALANCE OF THE YEAR FOR \$1 Sent postage paid to any address in the

IMPORTANT TO ALL. The most general com plaint that seems to spare neither class nor condition of person, is seated in the liver. Many with wee begone countenances, despondent spirits and depressed feelings, exaggerate every event until even suicide has been known to result from this morbid condition of body and mind, yet Simmons' Liver Regulator is known to be a specific for affections of the Liver, Spleen and Kidneys, Unlike most preparations it fully meets the wants of the patient whose liver or stomach is disorganized and soon restores the emaciated and spiritless dyspeptic sufferer, to a more hopeful condition of life than he could otherwise hope to attain.

of life than he could otherwise hope to attain.

The Episcopal Methodist says, "This medicine is acknowledged to have no equal as a Liver medicine, and it gives us great satisfaction and supreme pleasure to endorse what skill has developed in securing so valuable a remedy as Simmons' Liver Regulator." Genuine prepared only by J. H. Zeilin & Co. Philadelphia.

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In answering an Advertisement found in thes columns, you will confer a favor by stating you saw it in the KANSAS FARMER.

AND STOCK, Packing and Canning Works,

FOR SALE!

STOCK OF CATTLE that has been accumulating for thirty years, and now numbering about 18,000 head, partly in pasture, together with

SADDLE HORSES, TEAMS,

Etc., to run the Rancho. BEEF PACKING AND CANNING HOUSE, with steam works and machinery complete for putting up canned beef. Engines, Power Presses, Dies and Tools complete for the manufacture of beef cans;

DWELLING HOUSE. Boarding House (for laborers), Supply Store, Out-buildings, Cattle Pens, Pastires, Fields, Lands, etc. The works are located on a navigable stream, with plenty of timber on the land to run the works. The stock range is in good condition to furnish cat-tle at fair prices for canning or other purposes.

WM. B. CRIMES, Tres Palacios, Matagorda Co., Texas.

Habit Cured at Home. No publicity, Time short, Terms moderate, Loudiestimonials, Describe case. Dr. F. E. Marsh, Quincy, Mich SKIN Cure Guaranteed. Especially those of a squamous or scale character. Don't fail to write, as I positively cure these obstinate cutaneous diseases in a few weeks. Address, for these or other chroic affect in Dr.F. E. Marsh, Quincy, Mich.

25 FANCY CARDS, all styles, with name, 10c.; 30 Bon-Ton Cards, for Ladies, with name, 20c.; 10 Shadow Cards, all fun, no name, 10c., post-paid, J. B. HUSTED, Nassau, N. Y.

HA 1 comic oil chromo, 7x11; mounted, worth 25c. 1
pk love Cards, 1pk. comic envelops, 1 pk. comic
cards, 1 pk scroll, 1 24 p. book Fun, sent for 15 c. &
stamp. NOVELTY CO., Middleboro, Mass.

The Old Reliable Millinery Store.

Mrs. E. C. Metcalf,

KANSAS AVENUE, (Nearly opposite the Tefft House) TOPEKA.

Mrs. Metcalf's display this Spring is finer than ever, embracing besides all that is new in Hats and Bonnets, a great variety of Ties, Ruches, Lace Bibs, Linen Collars, Cuffs, etc. Her assortment of flowers is unusually fine and full, and her straw goods are unprecedentedly cheap.

Her long experience and her large force of belp enable her to fill all orders with dispatch and satisfaction. The patronage of old customers, whom she will be more than ever happy to please, is cordially solicited, and strangers are assured politic attention at all times. Orders by express to any part of the State, conscienciously filled, and in order to give the satisfaction desired, ladies ordering bonnets by letter are requested to state the style of features, hair and complexion, whether the face is long and thin, or short and full.

Call and see the pattern bonnets

Call and see the pattern bonnets
Address MR3. E. C. METCALF, Topeka, Kas.

BURKHARDT & OSWALD. Manufacturers of HARNESS, SADDLES, COLLARS,



TO EVERY PATRON OF THIS PAPER!

Cut out this Coupon and send to the Stuart Importing Co. for redemption.

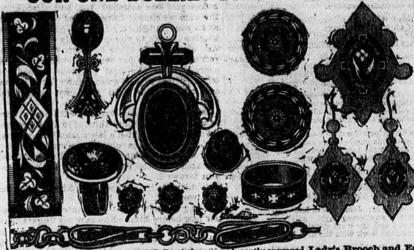
PREMIUM COUPON. On receipt of this Coupon, together with Fifty Cents to pay for Express or Mailing charges, we will send FREE, an elegant RUSSIA LEATHER POCKET-BOOK, PATRICE LOOK nd with ANY INITIAL LETTER DESIRED, neatly stamped in Gold. (Retail price, \$1.50.)

This Coupon is good only NEWEY DAYS from the date of this paper. STUART IMPORTING CO., 569 Broadway, New York

GOLDEN OPPORTUNITY!!

We will sell the largest stock jewelry of a bankrupt firm, at one-tenth of the manufacturing cost. This is a golden harvest for Agents and private individuals.

OUR ONE DOLLAR GOLDEN CASKET.



OUR DOLLAR CASKET Contains one elegantly engraved Lady's Brooch and Ear Dreps, Amethyst settings, iniaid with Pearls; one beautiful Out Cameo Ring; one fine pair of Engraved Sleeve Buttons; three (3) grand spiral Amethyst Studs, iniaid with Pearls; one nobby Collar Button; one latest pattern Gent's Vest Chain; one elegant Cameo Seal; one beautiful chased Band Ring; one Solitaire Lake George Diamond Pin; one pair (3) elegant engraved Bracelets. All the above are the Finest Gold Plate, and arranged in a beautiful white, engraved Bracelets. All the above are the Finest Gold Plate, and arranged in a beautiful white, pink-lined casket. Hiustrated Catalogue of Jewelry and Watches sent with each casket. On receipt of One Bollar we will send One of these Bollar Caskets by mail postpaid, or Four Caskets on receipt of \$3.50. Address GEO. G. JACOBY & CO., Importers of Jewelry and Watches, wils.

GREAT

Joint Public Sale

WEST LIBERTY, IA.

WEDNESDAY, MAY 16th, 1877.

THE Subscribers announce that they will hold a Liberty, Iowa on Wednesday, May 16th, 1877, at the residence of Mr George Chase, about one mile from town. Among them are

Aylesby Ladys, Blooms, Filligrees, Agneses, Young Marys, Miss Wileys, Cleopatrus, Desdemonas, Lruans, Nannie Williams, Pine Apples, Peychbuds, Pansys, Arabellas, Berthas, Mandanss, Lady Elizabeths

and other reputable and useful strains. Among Mr Elifot's offerings will be a number of very fine calves, the get of the Centennial Prize Bull Baron French 16219. This sale will include a superior lot of about 90 to 100 head of Shorthorns, in which many of the leading families are represented.

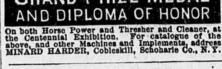
The utmost attention will be given to preserving the breeding properties and general health of the offerings. Many young buils of excellent breeding and rare individual merit will be in the sale.

Catalogues ready about April 1st.

GEO. CHASE & SONS, ELI ELLIOTT. West Liberty Iows.

Attention is invited to the sale of D. Wilson & Sons and A. E. Kimberley, May 17th.

THE STANDS AHEAD OF ALL BAILWAY THRESHING MACHINES. Being the ONLY entire Machine awarded a GRAND PRIZE MEDAL





THE CLIMAX CHURN, IS THE BEST MADE, EASIEST TO CLEAN, Most Durable, EASIEST TO OPERATE,

MOST CONVENIENT and market.
For sale by dealers everywhere. Manufactured by
W. P. EMMRET,
FREEPORT, ILLS.

Victor Cane Mill



COOK EVAPORATOR The BEST, and only standard machines. FIRST PREMIUM AT 125 STATE FAIRS. Crand Medal at Cen-tennial Exhibition.

Over 44,000 sold.

Cane Growers can't afford to risk Crops
With light, weak unfinished mills, liable to break in the
midst of the season. They can't afford to waste crops
with mills that don't present all the juice or evaporators
that make syrup and sugar unfit for market, and too
little in proportion to the labor and fuel they require.

Blymyer Manufacturing Co., Cincinnati, C.
Steam Engines, Threshere, Belis. Circulars and free.

SHANNON HILL STOCK FARM.



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T. J. Anderson,
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To

SWEET POTATO PLANTS

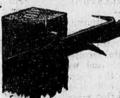


Eight best varieties of Strong Stocky well rooted plants, sent prepaid to your nearest express office at \$2 00 per thousand. Tomato and Cabbage plants at bottom prices. List Free

E. C.- CHASE, Glenwood, Johnson Co.

BARNES'

FENCE STRIP,



Can't Sag like Wire. More apparent to sight. Made of Band Iron. Sharp Barded Edges. Water-proof Coating. Sells less Barded wire. Costs less board fence. W. G. & W. BARNES. FREEPORT, ILLINOIS.

THE WESTERN FARMER AND STOCK GROWER-By Milton Briggs of Iowa.

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This is a neatly bound volume of 250 pages, written by a practical Farmer and Stock Grower. It is one of the best books yet preduced for western farmers. The rotal price of this book is \$1.50. It will be sent postage paid from this office to any address for \$1.00.

WHAT I KNOW ABOUT FARMING-By HOTACC Greeley.

This is a book of over 300 pages, and although it assigned a point in its title for many jokes, it is in fact an interesting and useful book. The regular retail price is \$1.50. It will be sent from this office, postage prepaid, to any address for \$1.00.

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Horace Greeley.
This is one of Mr. Greeley's best works. It is a book This is one of Mr. Greeley's best works. It is a book of nearly 600 pages, giving in Mr. Greeley's terse and plain style, his views on Labor. Commerce. Capital, Money, Agriculture, Manufactures, Co-Operation, &c. &c. The regular retail price of the book at the publishing house of Ticknor & Fields is \$150. It is sent, postage paid, from this office to any address for \$1.00.

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BECOLLECTIONS OF A BUSY LIFE.—

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There has been no more helpful and useful book written for young men than this autobiography of Mr. Greeley. It gives his early struggles and his later successes, and shows through all one of the grandest self-made men of modern times. The book is one of the very best fer parents to place in the hands of their children. It is a volume of over 600 pages, well bound in cloth. The publisher's retail price is \$3,00. It will be sent, postage paid, from this office to any address for \$2,00.

Valuable Books & Kansans.

The following very valuable books for our Kansas eaders will be sent by return mail, postage paid, on eccipt of price: KANSAS TOWNSHIP OFFI-CERS' GUIDE.

STATE OF KANSAS, OFFICE OF AUDITOR OF STATE, I TOPEKA, April 17, 1874.

TOPEKA, April 17, 1874.

GEO. W. CBANE, ESQ., Publisher:
Dear Sir—I have carefully examined the "Kansas Township Officers' Guide," edited by Hugh M Spalding Esq., and published by you, and take pleasure in testifying to its accuracy, completeness, and excellence. It is the best compendium of the kind I have ever seen; and its forms and instructions are followed by Trwnship and County Officers, the whole State will be the gainer, for it will lead to methodic and systematic habits in our local officers.

Very truly yours,
[Signed.]

DANIEL W. WILDER.
And testamonials from every part of the State.

Third Edition. In pamblet form 75 cents. In law

Third Edition. In pamphlet form 75 cents. In law leather binding \$1.50.

THE LAWS RELATING TO COUN-TY, TOWNSHIP, AND MUNICIP. AL BONDS,

Of the State of Kansas, and amendments and sup-plemental acts thereto. Authenticated. In pamph-let form 25 cents. We also call attention to the new edition of the

KANSASROAD LAWS, With Prace tical Forms. Fifth Edition. Authenticated. In pamphlet form 15 cents.

ROAD OVERSEERS' ACCOUNT BOOK. Price, postage paid; \$1.00. Also revised edition of

SPALDING'S TREATISE. For attorneys at Law, Justice of the Peace, Ministerial Officers, Law students, Bankers, Brokers and Business Men. A treatise upon the practice and proceedings in Justices' Courts of the State of Eansas, and an analysis of the Law and Practice concerning Personal Property. Spalding's Treatise \$750-Spalding's Supplement \$2.50

These works will be sent on receipt of price. Address KANSAS FARMER, Topeka, Kansas.

Chapped Hands Scalds

BURNS, LAME BACK, BURNS, LAME BACK, BISTERED FEEL CHILDIAINS

and Frosted Feel has

\$66 a week in your own town. Terms and \$5 outfit free. H. HALLETT & CO., Portland, Maine,

\$552 \$77 a Week to Agents. \$10 Outfit Free.

\$12 a day at home. Agents wanted. Outfit and terms free. TRUE & CO., Augusta, Maine.

YOUR NAME PRINTED on 40 Mixed Cards for 10c. CLINTON BROS., CLINTONVILLE, CT.

\$5 to \$20 per day at home. Samples worth \$1 free. Stinson & Co., Portland, Me.

25 FANCY CARDS, all styles, with name, 10 cents, Post-paid. J.B. Husten, Nassau, Rens. Co., N.Y.

\$5 TO \$10 A DAY TO AGENTS. Sample free, 82-page catalogue. R. L. FLETCHER, 13, Dey St. N. Y.

E. C. Newton, Batavia, Ills, Breeder of Buff and White Cochins, Pekin Ducks and Essex Swine.

To The Trade.

NEW DEPARTURE. TRAVELING
HOLL WRITE BOTH AND COLUMN
SLAFF, THE MORE AND COL

1877 Seed Catalogue and Circulars of Blooded Live Stock FREE. We offer the best and most reliable Garden, Field and Flower Seeds. 6 sample pkts farm seeds free for two 3-cent stamps.

BENSON & BURPEE, Philadelphia, Pa. Seed Warehouse, 223 Church St.

Kansas at the Centennial

A few fine Stereoscopic Views of the Kansas and Colorado Buliding, and the splendid exhibits made by these States at the Centennial, will be sent postage paid to any address for 25 cents each.

Address

Bookseller & Stationer, Topeka, Kas.

Concord Grape Vines.

Heavy discounts made from regular list rates, on

large orders. Price list of General Nursery Stock,

free. Get our figures. Samples sent by express on

Cone's Real Estate Register,

And History of Wabaunsee County, Kansas.

G. W. CLOSSON, Prairie Nurseries, Prairie City, Ill.

SEED SAL

BELLAND

Literary and Jonestic.

EDITED BY MRS. M. W. HUDSON.

TRAT'S WHY HE AIN'T AT SCHOOL.

Not sing is the time-stained house which lines. The roadside over the way, A relict is it of frontier times, With its chimney of boards and clay.

They say it hath sheltered the belle of the lane, In years which it hath known; But the old hat thurst through a broken pane Is proof that she hath flown.

The missing rails of its garden fance
Bespeak not a home of thrift;
Its wood-pile of pieces odd is fruit
Of a flooded river's drift.

And it looks like a picket guard who sleeps Of neglect—from his limbs had shaken. To find the army he stood to warn Had its sentinel overtaken.

Not troubled with "push" are they who 'meath Its roof a home are finding; The gelden sheaves of this world's wealth They are buised not in binding.

A careless, easy going pair— Three boys their growing brood, And their only wealth the jobs they find To be done through the neighborhood

Oh the boys, the younger two each day Their steps to the school are turning. While the eldest is idling the time as though He'd ne'er feel the want of learning.

I see him down 'pon the river bank, In the water his pin-hook throwing; And off through the tangled brush I hear Him shrill as a game-cock crowing.

His father, I see, from some odd Job His step is homeward turning; I'll intercept his walk and may The cause of the freak be learning. "Good evening, Mr. Jack; we've had A warm and sweltering day; I fear the sun and the want of rain Will make sad work with the hay."

"Well, yes; the crop's not looking so well As I've seen it in years gone by; But I've never as yet seen a death starved beast, Be the season wet or dry." "Most truely said; there will be of bread A plenty without a doubt; And here like racers come your boys, From their studies just let out.

"And why, by the way, Mr. Jack, is not Your eldest the school attending? He will find o'er the road of life 'twould oft His efforts be befriending."

'My youngest boys, not liking the road Their father has traveled o'er, Are hoping to get a startisome day, And be able to keep a store.

"And if so they should—'twill be very good— To know how to read and spell, And figure a little that they may know. What they make on what they sell.

"For that oldest boy I've a place in view, Though his mother is oft doth fret her, To think I'd be raising the boy for a place Where the less he knows the better.

"Men fit for the place are scarce even now— They will grow scarcer by natural rule;— I'm raising that boy for a juryman, And that's why he ain't at school."

OLD ABEL'S MILLSTONE.

BY MARIAN NORTHCOTT.

(CONCLUDED)

Overcome by these painful recollections Abel buried his face in his hands and wept. Com-plete silence reigned in the room for a few moments, and then Polly, controlling with an effort the strong emotions that swept through her heart, crept to her father's side and placed her hand in his. "Dear father," she said,in broken tones, "the

story of your sorrow makes you dearer to me

The old man withdrew his hand from her embrace, and, when she had kissed the tears from his cheeks, resumed :

half yearly was to discharge a debt of your

My darling, was it to your interest to know paid off the whole amount before you got mar-ried. Tom's proposal to-night however, has is of no account at all, and roams about a loneallow him to marry you without knowing the without a place whereon to lay his head. It truth.

"And now I do know it, Mr. Webb," exclaimed Tom who had been trying to speak for some time, but had been unable to do so, owing to the strange sensation as of marbles ful goodness! In the eyes of the women the rolling up his throat, and a determination of work is enough, but a man around advising water to his eyes—"now I do know it, I am adds insult to injury. Country sisters do not more than ever decirous of making Polly my experience a tithe of the trials and tribulations wife. I thought of having the banns put up of city women these balmy spring days, when next week, and then we can be married before another month is over our heads." "But, Polly, inquired Abel, is not that rather

in attending to the fire, the brightness of which had during the recital of Abel's revelations become somewhat dimmed. It is Johnson's kalsomine, tions become somewhat dimmed. Just after he spoke a cheery flame again shot forth and closed a happy smile upon Polly's face and

cient answer to the question.
"Well, my child." continued the old man,

"do as you will." Tom Smith sprang from his chair and was wringing Abel's hands in token of gratitude, stair caught Abel's ear.

"Here, Polly! quick with the candle," he

The room had hitherto been illuminated solely by the fitful gleam of the fire, and just part of house-furnishing—until afterward, as Polly had got the candle alight the door thinking to take their time about it then. was opened, and in strode Mr. Baker-Baker

half before.
"O Abel," said Baker, with his broad ruddy you—news that will make your heart leap from your bosom.

Polly and her betrothed looked on in silent amazement.

"Why, your boy Sam—he who eight years ago was thought to be guilty of robbing us—is proved to have been innocent.

Abel sank back in his chair, his face grew pale, and his hands clutched the wrists of Tom pale, and his hands clutched the wrists of Tom of buying anything but animals or farming Smith and his daughter, who had rushed to utensils. If his wife has a taste for the ornahis side. "How-how do you know this?" he grasped.

from Australia was delivered—it was written | cent or not. Kalsomine the walls of the parby a gentleman, a Magistrate in Melbourne, by a gentleman, a Magistrate in Melbourne, lor a light shade, or, if you prefer paper, the reading of a mo and was to the effect that our late cashier, choose it light and plain or with a softly Donald G. Mitchell.

Robert Wilmot, having received a fatal injury through being run over in the streets, in his last moments made a deposition before the legal authorities that your son was innocent, that he himself had appropriated the moneys of the firm and in order to conceal his own deline quencies was compelled to fix the gulit upon some one else. The official papers will arrive by next mail. Abel, believe me no person is more rejoiced at this intelligence than myself."

The old man was in tears—he could not quality. Select a small pattern in acaries and

The old man was in tears—he could not speak, but the pressure he gave the extended hand evinced his belief in Baker junior's sin-

"And Abel," continued the newcomer, "it "And Abel," continued the newcomer, "It gives me great pleasure—more pleasure than I can tell you—to hand you back your ninety pounds—both my father and myself resolved never to touch a penny of it; if you had discharged the sum we should have handed over the money to your daughter. I am delighted however to give it heak to you navanally; and if you to give it back to you personally; and if you will come to our office to-morrow I will hand you over the five per cent. interest which has accrued since the first payment. Good bye, Abel, I feel myself an instruder new. Good bye, and Heaven bless you, my honest fellow!"

Baker junior, who seemed with every word to become thicker and thicker in his utterance, then placed in Abel's lap a small canvas bag which gave forth a chinking sound, and once again heartly wringing the old man's hand, bounced from the room ere any one could bid him farewell.

"Polly, Polly," whispered Abel, "give me that workbox.'

The girl knew what he wanted, and placed the box before him. She saw his fingers draw from its contents of precious relics of a bygone from its contents of precious relics of a bygone day a tiny baby's shoe which had never belonged to her. The old man held it within his hands, and after gazing at it for a few seconds, drew it reverently to his lips, and murmured, "My boy innocent, my boy innocent! Oh that he had lived to see this day!"

Tom Smith stole his arm around the waist of his betrothed and drew her to the window.

They raised the blind, and looking out wit d the heavens resplendent with myriad

stars and a bright crescent-shaped moon.
"Polly, dear," said Tom, "it's the first day of
the new moon. You ought to wish, and what
you wish is sure to come true."

"Is it, Tom?" replied the girl with a wistful trusting look in her eyes that made him draw her still nearer to him. "Do you know I have watched for the new moon and wished regur larly the same thing for many months past?"
"And what was your wish, Polly?" inquired Tom archly. (I think he knew, although he pretended to be quite ignorant.)

Oh, if I were to tell you now the charm might fail. Ask me dear, when the next new moon comes, and perhaps I'll tell you my

"Then darling we shall be man and wife." His voice had sunk to a whisper, but it reached her ears, and when the words ceased her head eank upon his shoulder. The fire in the grate died away, the candle upon the table flickered, and at length went out: but with its last ray it showed the old man rapt in the contempla-tion of his precious relic, and the two lovers one in heart and mind—still gazing upon the peaceful splendor of the star-checkered firma-

SOME HINTS TO COUNTRY SISTERS.

"The melancholy days have come"—the un-happy, homeless, house-cleaning days. The cozy and comfortable winter quarters have fallen into dust—lime and scap-suds pervade the establishment. The concentrated w "There could be no doubt of your brother's at the head of the family lunches three times guilt, and I was too sensible of the kindness a day in the cellar, in the pantry, in the wash of his employers to allow them to suffer. I resolved, come what might, that I would do my best to repay them. For this I daily denied myself; for this I narrowed your opportunities of education; and this, next to your happiness, my child, is the object of my life."

"Dear father, and until now you have always led me to believe that the amount paid ways led me to believe that the amount paid want lime splashed on him." and "Not to allow them to suffer. I can sit down in peace. If he lingers a moment longer than is absolutely necessary to swallow his food, he is invited by his at-all other-times-charming wife "To bring a bucket of water, for she is almost tired to death," and "Help lift this or that," or notified "For good. ness' sake to stand out of the way if he don't and support and support. This is called cofshoe-brush, hat brush and blacking, for it is frightened the secret out of me, for I could not ly, homeless being, unnoticed and uncared for, is sometimes the case, however, that he volunseers advice from his store house of knowledge, and is inclined to give directions on all subjects in which he is not concerned. Mercithe annual revolution of the house, all parts of which have been used, takes place.

Beautifying the walls comes first in order,

and I want to suggest a beautifier par exceland pure white, and ranges in price from eight to thirteen cents per pound, according to the shade desired. A moderate sized room can a blush upon her cheek, forming quite sufficient answer to the question.

be tinted for seventy-five cents, and, if not constantly used, it will last for years. It will lime, cheaper and prettier than paper, and never fades. If the wall gets soiled in spots, they can be touched up without any contrast. when the sound of footsteps ascending the Use alcohol for white-painted wood work that stair caught Abel's ear.

Use alcohol for white-painted wood work that is varnished, as it preserve the whiteness, and "Here, Polly! quick with the candle," he cried; "there is some one who wants us, or has mistaken the flour.

window-glass. When house-cleaning is done our labors should cease. Many women leave all their curtains, tidies, &c .- all the washable The better plan is to repair, make and do up junior—whom Abel had left but an hour and a everything before and lay it away in order, so half before. "O Abel," said Baker, with his broad ruddy once. There is no satisfaction whatever in face glowing with excitement, "I'm so glad clean rooms which lay half furnished for two I've found you at home. I've good news for or three weeks, or that are pieced together at u—news that will make your heart leap om your bosom." odd times by a negligent housewife. How-ever humble the house everything may be ready beforehand. I will give some hints on furnishing the house of the average farmer who is in comfortable but not wealthy circum stances. It is an acknowledged fact that this very farmer who is abundantly able to have his house handsomely but not expensively furnished does not and can never see the use mental he looks on it with an eye of suspicion

quality. Select a small pattern in scarlet and gray; a small pattern is always preferable no matter what the color. Felt also makes a handsome floor-covering, and comes cheaper than carpet. It requires some bright rugs to brighten it. Pretty window curtains can be got at from fifteen to fifty cents a yard. Make them to sweep the floorand tie back with scarlet ribbon or cord. In the matter of shades, where there are no shutters, gather up all those green paper blinds you took down house cleaning time and burn them, and if you feel that you cannot afford to buy Holland blinds get six-cent muslin, starch it heavily, iron it smoothly, cut it the length of the window and sew a stick in each end, nail small blocks the length that you wish the curtain from the window at the corner of the casing, a board four inches wide on these, and fasten the curtain to it. In sutumn gather of the wealth of bright leaves, touch a moderately hot iron to beeswax, and iron them till dry, which will preserve their beautiful colors. Add a coat of varnish, or not, just as convenient, and arrange them along the top of the curtain according to your fancy. There may be more cording to your fancy. There may be more artistic cornices, but certainly none lovelier than that which speaks of the wild wood. The carpet and walls are the background of a pic-ture, and the figures are the ornaments. Rooms are sadly abused and overdone in this particular. Be sparing of ornament. Banish that abominable what-not with its load of valueless trinkets, or if they be keepsakes, stow them out of sight in boxes, and sweep the walls of those ugly brackets, homemade frames, feather flowers, winter bouquets, gaudy prints and have a few steel engravings, lithougraphs and a good chromo in plain frame, which, with their fittings, can be procured from fifty cents up. A bracket or two is pretty, holding a handsome vase filled with pressed ferns. If you have a naturalists liking for gay butterfiles and odd bugs, a drop of cam-phor on the head will kill them instantly, and you can fasten them on curtains or a pi you can fasten them on curtains or a piece pasteboard and hang them up. A small table should be in the center of the room with a gray cover, scarlet lamp-mats and a statuette ornament. It is desirable to have tidies white and made to wash, as others soon become soiled and disagreeable looking. The usual cusom is to have all the chairs and table standing in prim rows along the walls. Let them out; let them feel themselves at home, and not look as if they were in fear of their lives if they meved.—Farmer's Wife in Cincinnati Enquirer.

HOUSEHOLD HINTS.

CANARIES .-- To exterminate lice from cana ry birds, use hollow canes for perches; shake out well mornings into a cup of water, and you will catch them all. Two parts canary, one rape, and one part hemp seed is the best food. The canes used are pipe stems, ordinarily called tobacco stems.

A SURE CURE FOR CORNS .- Bathe in a strong solution of sods, pare off close and touch with carbolated iodine; repeat the application of iodine next day and a cure will speedily follow. Tried and contributed for the benefit of fellow sufferers, by E. R. P. Kansas City, Mo.

want lime splashed on him," and "Not to en with cream and sugar. This is called cofbother his precious head about the soap, basin fee cream. For chocolate cream, make in the why darning, was it to your interest to know shoe-brash, hat-brash and blacking, for it is the truth? When your brother left England you were but a child. Up to to-night it has been my constant endeavor to hide the real facts of the case from you. I had hoped to have ence he leads during house-cleaning days.

same way, but add instead of coffee a cup of grated chocolate boiled in a cup of milk. For orange cream add the juice and grated peel ence he leads during house-cleaning days. same way, but add instead of coffee a cup of of one orange, and the yolks of two eggs. For pine-apple cream, a few slices of pine-apple, and the yolks of two eggs.

Other fruits may be used in the same way. (We think a cup of grated chocolate will be found too much for the above recipe. ED.)

VIENNA COFFEE.-Leach or filter the coffee through a French filterer or any of the many coffee-pots that filter instead of boiling the coffee. Allow one tablespoonful of ground coffee to each person and "one extra for the pot." Put one quart of cream into a milk boiler, or; if you have none, into a pitcher, and set the pitcher into a pail of boiling water. Put it where the water will keep boiling. Beat the white of an egg to a froth, then add to the egg three tablespoonsful of cold milk. Mix the egg and cold milk thoroughly togeth er. When hot remove the cream from the fire, and add the egg and cold milk. Stir it not rub off, is labor-saving, less trouble than all together briskly for a minute or two, and then serve.

HOW UGLINESS BECOMES BEAUTIFUL.

A beautiful face is one of God's beautiful works: but He has made more beautiful things. We shall see, maybe, in our travel of to-morrow—you or I—some angular-faced woman of youthful but uncertain age, in goldbowed glasses perhaps, and shall say at the first cruel glance (you or I): "What a woman to live with!" An old gentleman, her attends ant, goes haltingly to the place beside her and there is such touching and delicate attention on her part to every want of his-such grace of action-such tender, eager, yet not officious or presuming watchfulness-that you cannot keep your eyes from her, ugly though she be; and the face of the old gentleman grows radiant as it turns toward her, and you preceive him to be under such abiding charm as her low, musical voice falls on his ear, that, little by little, even as you look, the angular-ities melt away into the fine flowing lines, and the homely text of her face, hour by hour, and feature by feature, grows luminous with a sweet, deep meaning, that is as subtle and penetrating in its influence as beauty itself And if an hour of onlook can work such transfiguration, and make one blind to any and if ts indulged many times "ruin is croaked "An hour after you left my office a letter in her ear, no matter whether it costs him a possible crabbedness of text by reason of the sweet meaning it carries, how shall it be with the reading of a month, or a year, or a life!-

ADVERTISEMENTS.

Our readers, in replying to advertisement in the Farmer will do us a favor if they will state in their letters to advertisers that they saw this

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Away For The Asking.

While Dr. H. James was attached to the British Medical Staff in the East Indies, his high position enabled him to call about him the best chemists, physicians and scientists of the day, and while experimenting with and among the natives. he accidentally made the discovery that CONSUMPTION can be positively and permanently CURED. During the many years of his solourn there he devoted his time to the treatment of Lung Diseases, and upon his retirement he left with us books and papers containing full particulars, showing that every one can be his own physician and prepare his own medicine, and such information as we have received we now offer to the public without price, only asking that each remit a three-cent stamp for return postage.

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Special inducements to parties ordering by car-loads. We will send post-paid by mail. Concord vines 1 year old, for \$1 50 per dozen, 2 years old, for \$1 50 per dozen. Hartford Prolific, 2 years, per dozen, \$2.00. Would exchange Apple trees for Western Prairie Lands or improved Farms.

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To Farmers and all others who put barbs upon wire fences, making a barbed wire fence, and to all manufacturers and dealers in fence barbs and barbed fence wire.

VOU are hereby notified, that in putting barbs upon wire, making a barbed wire fence, or in using or dealing in barbs for wire or barbed fence wire, not made under license from us, you are infringing upon our patents, and we shall hold you strictly accountable for damages for all infringements of Letters Patent Nos. 66 182. 67 117, 74.879, 84,062, 153,985, 157,124, 157,508, 164.181. 165.661, 172.760. 173.491, 173,667, 180,351, 181,433, 186.389, 181,126, 187,172,187,776; re-isene, Nos. 7,136, 6,976, 6,902, 7,035, 7,036, 6,913, 6,914, 7,565. Copies of our claims can be obtained of our attorneys, COBURN & THACHER, Chicago, Ill., or of our counsel, THOS, H. DODGE, Worcester, Mass.

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The Cheapest, Purest and Best Family Medicine in the World!
For DYSPEPSIA, CONSTIPATION, Jaundice, Bilious attacks, SICR HEADACHE, Colic, Depression of Spirits, SOUR STOMACH, Heart-

This unrivalled Southern. Remedy is warrented not to contain a single particle of Mercury, or any injurious mineral substance, but is

PURELY VEGETABLE, containing those Southern Roots and Herbs, which an allwise Providence has placed in countries where Liver diseases most prevail. IT WILL CURE ALL DISEASES CAUSED BY DERANGEMENT OF THE JIVER AND BOWELS.

The SYMPTOMS of Liver Complaint are a biter or bad taste in the mouth: Pain in the back, Sides or Joints, often mistaken for Rheumatism; Sour STOMACH; Loss of Appetite; Bowels alternately costive and lax; Headache; Loss of memory, with a painful sensation of having failed to do something which ought to have been done; Debility.

Low Spirits, a thick yellow appearance of the Skin and Eyes, a dry Cough often mistaken for Consumption.

Sometimes many of these symptoms attend the disease, at others very few: but the Liver, the lar-

disease, at others very few; but the Liver, the largest organ in the body is generally the seat of the disease, and if not Regulated in time, great suffering, wretchedness and DEATH will ensue.

I can recommend as an efficacious remedy for disease of the Liver, Heartburn and Dyspepsia, Simmons Liver Regulator.

LEWIS G. WUADZE, IGE MASTE FRICK.

"We have tested its virtues, personally, and know that for Dyspepsia, Biliousness, and Throbbing Headache, it is the best medicine the world ever saw. We have tree forty other remedies before Simmons' Liver Regulator, but none of them gave us more than temporary relief; but the Regulater not only releved, but cured us."—ED.

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HOW TO POST A STRAY.

By AN ACT of the Legislature, approved Feb. 27, 1866, section 1, when the appraised value of a stray or strays exceeds ten dollars, the County Clerk is required, within ntdays after receiving a certified description and appraisement, to "forward by mail, nodes continuous and appraisement, to "forward by praised only a straight of the complete description of said strays, the day at which they were taken up, to the sales parameter with the sum of fifty cents for each animal contained in said notice."

SYNOPSIS OF THE STRAY LAW. How to post a Stray, the fees, fines and penalties

for not post a stray, and root, and and ponatives
for not posting.

Broken animals can be taken up at any time in the year.
Unbroken animals can only be taken up between the lat
day of Moyember and the first day of April, except when
found in the lawfai inclosure of the taker up.
No persons, except citizens and householders can take
up a stray. No persons, except citizens and Bousside.

No persons, except citizens and Bousside.

If an animal liable to be taken, shall come upon the If an animal liable to be taken, shall come upon the remises of any person, and he fails for ten davs, after being notified in writing of the fact, any other citizen and householder may take up the same.

Any person taking np an estray, must immediately advertise the same by posting three written notices in as many places in the township, giving a correct description

Any person taking up an estray, must immediately advertise the same by posting three written notices in as many places in the township, giving a correct description of such stray.

If such stray, in not proven up at the expiration of ten days the taker up shall go before any Justice of the Peace of the township, and fle an affidavit, stating that such stray was taken up on his premises, that he fid not drive nor cause it to be driven; here, that he has advertised it nor cause it to be driven; here, that he has advertised it not days, that the marks and brands have not been for ten days, that the marks and brands have not been aftered, also he shall give a full description of the same, and its usah value. He shall also give a bond to the State in double the value of such stray.

The Justice of the Peace shall within twenty days from The Justice of the Peace shall within twenty days from the time out a return to the County Clerk, a certified copy of the describition and value of such stray.

If such stray and be valued at more than ten dollars it shall be advertised in the Kansas Farmer in three successive numbers.

The owner of any stray may within twelve months from he time of taking up brove the same by evidence before any Justice of the Peace of the county, having first noticing the county of the time when, and the Justice before whom proof will be offered. The stray shall be delivered to the owner on the order of the Justice, and upon the payment of all charges and coats.

If the owner of a stray falls to prove ownership within twelve months after the time of taking, a complete title shall vest in the taker up.

At the end of a year after a stray is taken up, the Justice of the Peace shall issue a summons to the householder, to appear and appraise such stray, summons to be served by the taker up, said appraisers, or two of them shall in all respects describe and truly value said stray, and make a sworn return of the same to the Justice.

They shall also determine cost of keeping and the benefits the saker up

mentioned for each animal valued at more than \$10.00.

Justice of the Peace, for each affidavit of taker up. 25 for making out certificate of appraisement and all his services in connection therewith, 35

THE STRAY LIST.

MARE.—Taken up by F.S. Curtis, of Walnut Tp. (Carson P. O.) March 24th, A. D. 1877, one dark bay mare black legs, mane and tail, 3 years old this spring, right hind, foot white and white spot inside of left hind foot, small star in forehead, no marks or brands. Valued at \$40.00. Brown Co.-Henry Isely, Clerk.

Edwards County-William Emerson, Clerk. PONY.—Taken up by J. P. Weeks, Trenton, April 8th. 1877, one dark sorrel male pony, right hind foot white, Valued at \$1500. Elk County-Geo. Thompson, Clerk.

HORSE —Taken up by Wm. H. Patton, Liberty Tp. April 1st. 1877, one bay male horse, saddle and harness marks, Mexican or Indian brands on thigh. Valued at \$15.00.

Jefferson County-D. B. Baker, Clerk. HORSE.—Taken up by Peter Berry of Fairview To.
April 18th, 1877, one bay-roan work horse supposed to be
6 yrs. old about 14½ hands bigh, beth sides slightly shaved
by harness, black tall, hind feet white, shod all round.
Valued at \$55 00.

Lyon County-J. S. Craig, Clerk. COW.—Taken up by John Jones, living in Emporia Tp. (Emporia P. O.) and posted before W. B. Ross J. P. April 2d, 1877, one white cow, supposed to be 5 or 6 yrs. old (has white calf with her.) Valued at \$1800.

P. MY.—Also one cream colored pony with black mane and tall, no marks or brands visible. Valued at \$1200.

Linn County-J. W. Flora, Clerk. STEER.—Taken up by W. J. Cross, Potosi Tp. Feb. 15.h. 1877, one yearling steer, white and red with smooth crop off left ear, and under right ear. Valued at \$16.00.

Montgomery County-E. T. Mears, Clerk. PONY.—Taken up by Dennis Kelly, in Cherry Tp. April 3d. 1877, one black pony mare, hind feet white below the fetlock, shod on forward feet, saddle and harness marks, about 10 yrs. old. Valued at \$15 00.

Rush County-Allen McCann, Clerk. HORSE.—Taken up by J. A. Watkins, Brookdale Tp. April 13th. 1877, one bay horse, 13½ hands high, right hind foot white, small white spot in the face, not branded, supposed to be 8 yrs. old. Valued at \$25 00.

WORSE.—Also, one sorrel horse 14½ hands high, supposed to be 8 yrs. old. The supposed to be 8 yrs. old. posed to be 10 yrs. old, branded A E on left shoulder and TIK on the left hip. Valued at \$25 00.

Strays for the Week Finding April 11, 1876

Anderson County-J W. Goltra, Clerk. MARE—Taken up by J. McD. Martin, Ozark Tp. Colony, one chesnut sorrel in the inhe of ten years old, mane and tail slightly roan, and it white star, in forelead, few white hairs on nose, let the dispositive, indet into the through on lett shoulder, 14 hands high, had not leather halter with rope rope rein, shod in front, no other marks or brands. Taken up March Sist, 1877.

Brown County.-Henry Isely, Clerk. PONY-Taken up by Ambrose Kesler, Walnut Tp. (Carson P. O.) Feb. 23d., 1877, one black mare pony colt, two years old past. Valued at \$30,00.

Coffey County-Job Throckmorton, Clerk. Colley County—Job Throckmorton, Clerk.

COW—Taken up by T. C. Nybro, Avon Tp, one white four year old cow, no marks or brands. Valued at \$12,00. MARE—Taken up by C. R. Markham, Liberty Tp, one dark bay mare, six or seven years old, right hind foot white, some white on left fore foot, few white hairs in forchead, two small scars on left shoulder. Valued at \$35. STEER and HEIFER—Taken up by John Polley, Spring, Creek Tp, one small red yearling steer, white in forehead no marks or brands. Also, one yearling heifer, white brindle or brown, no marks or brands. Value of the two \$22,00.

Crawford County-J. H. Waterman, Clerk. MARE—Taken up by W. D. Janes, one pony mare, black, thirteen hands high, about ten years old, with split in each ear, branded with 30 r5, spot in forehead, both hind feet white, and saddle marks. Valued at \$12,00.

Franklin County-Geo. D. Stinebaugh, Clerk. HEIFER—Taken up by Brougham Hanway of Lane in Pottawatomic Tp, on or about Feb. 12th,1577,one two year old red roan heifer, white on belly, no other marks or brands. Valued at \$15,00.

Greenwood County-W. S. Reece, Clerk. MARE—Taken up by B. Balis, Fall River Tp. one sorre mare pony, about 10 years old, branded I P, very dim, on left hip, blazed face, saddle and collar marks, bind in left eye, forward with foal.

Johnson County-Jos. Martin, Clerk. HORSE—Taken up by John L. Parr, Oxford Tp, Feb. 13, 1877, one bay horse, 16 hands higgs shou in front, nine or ten years old, halter on when taken up, gray hairs in mane and tail, harness marks. Valued at \$50,00.

Jefferson County .- D. B. Baker, Clerk. HORSE—Taken up by Jarvis Johnson, Roach Creek Tp, one light bay horse pony, about 12 years old, white face, hind feet and legs white to the middle joint, saddle and harness marks, some white spots about the body, 13 hands high. Valued at \$15.00.

MARK—Also, by the same, one dark roan mare pony, about six years old, large blaze face, right fore and hind feet white, white hairs in tail, about 12½ hands high. Valued at \$15.00.

Montgomery County-E. T. Mears, Clerk.

MARE—Taken up by Thos. L. Dewitt, Caney Tp. Mar. 22d, 1877, one sorrel mare, 16 hands high, about 12 years old, three white feet, small white spot on right hip, collar and saddle marks. Valued at \$40.00.

McPherson County-John R. Wright, Clerk. MARE—Taken up by David Kenipp, Groveland Tp, March 17th, 1877, one pony mare, 12½ hands high, dark roan, bob tail, saddie and collar marks. Valued at \$17,50.

Miami County-C. H. Giller, Clerk. STALLION—Taken up by John Massey, Miami Tp, Feb. 1st, 1877, one iron gray stallion, two years old, about 15 hands high. Valued at \$60,00.

MARE—Taken up by Julia Remington, Osage Tp, March 21st, 1877, one bay mare, four years old, with white or roan hairs inixed, under size. Valued at \$37,00.

25 ELEGANT CARDS, all styles, with name 10c.; 20 Swiss Motto Cards, 20 styles, with name, 20c.; 20 Beautiful Scroll, 15 styles, no name, 10c., post-paid J. B. HUSTED, Nassau, N. Y.

From Osberne County,

April 1 .- 81/2 inches of rain fell in April. ground is in fine condition and prospects favorable. Winter wheat looks well. The grasshoppers mostly left us last fall before laying eggs, but they are found in spots this spring. The Congregationalists are planning to build a \$2500 church at the county seat this season. R. B. FOSTER.

From Cowley County. May 7 .- Wheat is looking well. The grasshoppers are hatching but are doing very little damage, they are dying to considerable extent and the blackbirds are beginning to gather them rapidly, I think the blackbirds are more numerous than ever before. Will some of my brother farmers be good enough to tell me whether timothy seed ever gets too old to grow, if it has been kept bright, and dry. I sowed 12 acres in March last and it has not come up. I plowed the land fresh, harrowed smooth, sowed two bushels of as fine looking seed as I ever saw, and covered with a rubber which pulverized the ground; I can find once in a while a stalk that looks well.

We are having a big time over R. R. bonds in our county, there being two propositions one for county bonds the other for township bonds, both for narrow guage roads ; one from Parsons, the other from Kansas City; I think the Parsons proposition will be beaten for county bonds. SUBSCRIBER.

FORTY YEARS BEFORE THE PUBLIC. DR. C. MCLANE'S CELEBRATED LIVER PILLS.

FOR THE CURE OF Hepatitis or Liver Complaint. DYSPEPSIA AND SICK HEADACHE.

Symptoms of a Diseased Liver. PAIN in the right side, under the edge of the ribs, increases on pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes the pain is felt under the shoulder-blade, and it frequently extends to the top of the shoulder, and is sometimes mistaken for a rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternative with lax; the head is troubled with pain, accompanied with a dull, heavy sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful sensation of having left undone something which ought to have been done. A slight, dry cough is sometimes an attendant. The patient complains of weariness and debility; he is easily startled, his feet are cold or burning, and he complains of a prickly sensation of the skin; his spirits are low; and although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts every remedy. Several of the above symptoms attend the disease, but cases have occurred where few of them existed, yet examination of the body, after death, has shown the LIVER to

have been extensively deranged. AGUE AND FEVER. DR. C. MCLANE'S LIVER PILLS, IN CASES OF AGUE AND FEVER, when taken with Quinine, are productive of the most happy results. No better cathartic can be used, preparatory to, or after taking Quinine. We would advise all who are afflicted with this disease to give them A FAIR TRIAL.

For all Bilious derangements, and as a simple purgative, they are unequaled.

BEWARE OF IMITATIONS.

The genuine DR. C. MYLANE'S LIVER PILLS are never sugar coated. Every box has a red wax seal on the lid, with the impression DR. L'LANE'S LIVER PILLS.

The genuine MCLANE'S LIVER Pills bear the signatures of C. MYLANE and FLEMING BROS. on the

wrappers. Insist on your druggist or storekeeper giving you the genuine DR. C. MCLANE'S LIVER PILLS, prepared by Fleming Bros., Pittsburgh,

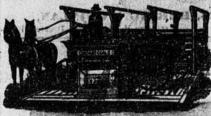
Sold by all respectable druggists and country storekeepers generally. To those wishing to give Dr. C. McLane's LIVER PILLS a trial, we will mail post paid to any part of the United States, one box of Pills for

twenty-five cents.
FLEMING BROS., Pittsburgh, Pa.



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Scales, 360; old price, \$160. at a great requotion. All Scales war Sept for Circular and Price-list.



with this Machine! The most perfect in the world. B from 22 to 44 inches in diameter. It does the work of a dozen men. The horse does not travel around the well. Anger is raised and lowered instantly. Successful where all others full. No labor for man. Send for our 60 PAGE BOOK, FREE. LOOMIS & NYMAN, Tiffin, Ohio.

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Morus Alba.

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Moretti, Mulberry,

Lhou or Japanese Mulberry Trees. The above varieties are the best for silk worm food, for forest, ornamental and fruit trees. They are untouched by insects and borers and grow in all kinds of soil. Send for Circulars.

Eggs of Silkworms \$6,00 per oz. A sample sent for 50 cents. A Treatise on Silk Culture for 50 cents. L. S. CROZIER,
Williamsburg,
Friaklin County, Kanese

AMSDEN JUNE PEACH.

Earliest, Hardjest and Best.

Ripe here June 27th, 1976, large as Hale's, highly colored and delictons. Buds by mail \$1 per hundred, by Express \$5 per 1000. L. C. AMSDEN; Carthage, Mo.

Cooley's Early Corn!

The safest Corn to plant early or late. Two Bushels shipped in a good sack for \$1.25 per bushel.

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Junction City, Kansas. SHEEP | Centennial Medal awarded. Sizes suitable for marking cattle, sheep and swine. Samples iree. Agents wanted. Address C. H. DANA, West Lebanon, N. H.

BEAUTIFUL ADDRESS CARDS, put up in Card Case and sent, postage paid, to any address for \$1.00. Two cases containing 80 each, same name or different address in each, will be sent postage paid for \$1.30. These are finely printed and elegant cards for any lady or gentleman. Address

WESTERN CARD CO., Topeka, Kas.

Fowls and Eggs for Sale.

Imperial Pekin and Cayuga Ducks; Bronze and White Holland Turkeys; Light and Dark Brahmas; Buff, Black, White and Partridge Cochins; Golden Sebright Bantame, and Plymouth Rocks.

Also, BERKSHIRE and POLAND-CHINA HOGS. Nursery Stock of all kinds Everything first-class and true to name.

CLARANCE STARK,
Louisiana, Missouri.

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Wanted in exchange for 240 Acres of Land in Missouri. Address F E, MILLER, Frankfort, Kansas

SWEET POTATO PLANTS. \$1.50 per 1000, delivered at the Express office in Lawrence in good shipping order. Address NOAH CAMERON, Lawrence, Kansas.

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Your attention is respectfully invited to the following list and prices of Nursery Stock for sale at the Tallula Nursery:

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And also all kinds of Freight, Spring and Express Wagons work is unished in the most substant almanar, with all the latest improvements.

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A. CALDWELL, President: N. J. WATERMAN, Vice President: C. B. BRACE, Treasurer: J. B. McAFRE, Secretary: A. WOODWORTH, Superintendent Shops.

The above Line of Goods are for sale by

W. W. CAMPBELL & BRO., TOPERA, Hs.

PAINTING — THE PARRONS' PAINT COMPANY Lie manufacturing the INGERSOLL READY.MIXED PAINTS, and BRUSHES, and selling their at full trade discounts, delivering them freight paid, and he money required until the goods are received—making them cheaper than even the material can be brought elsewhere. They are an absolutely pure article, possessing great endurance and brilliamy, and are giving great satisfaction all over the country. We have a Patron friend who saved enough alone on Paint purchased to pay instrumes expenses for a life-time, They also sell ROOF PAINT 30 per cent, cheaper than any one class. It is to the interest of all about painting to write and have sent free their book, "Buery One His Own Puinter." It will save much momey, whether you buy their Paint or not. Advices, 259 FRONT STREET, REW TORK.—(From "The Farmers Friend.")

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COWS THAT SUCK Themselves

The bit is hollow and put in the animal's mouth, so that in sucking it sucks air, the vacuum being broken. so bit does not prevent animals from eating or drinking.

RETAIL PRICE OF BITS. For Cows, : : 35 cents. sale.
For Calves and Colts, : 25 cents.
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Discount to the trade. State and county rights for JAMES LYLLIE, LOUISBURG,

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Jersey Cattle, Berkshire Swine and Cotswold Sheep.

Elmwood herd of Berkshires contains the finest and lost noted strains of blood in England or America, escending from the most successful prize-winning

descending from the most successful place with a families. Young stock of superior excellence and fashionable pedigree for sale at low prices.

Have some extra fine young sows, sired by the famous Imported Berkshire Boar Sambo 3d, 351, and sate in pig to imported Cherub, 501. Cherub has no superior in point of form, style and fashionable breeding, and is proving himself to be an excellent sire and is without dcubt the best Boar I aver imported from England.

Brigland.

Our brood sows are not surpassed by any herd in Americs, and excel in all that goes to make up the model Berkshire—ehort legs, necks and heads, broad hams, loins, and shoulders, with fine thick coats of hair, large size, good feeders, reliable breeders, and healthy. Perfect satisfaction guaranteed, both in quality and price.

Pigs not akin properly mated for breeding purposes. Breeding stock is recorded in the American Berkshire Record, and extended pedigrees furnished customers.

Parties desiring early pigs should send in their orders at once, so as to secure choice.

Correspondence solicited and promptly answered.

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successful crosses.

The Chestnut Stallion Mouroe—record 2:27% over a half mile track will stand for mares at \$50, the season; those not in foal, returnable free of charge next season.

Eighteen thousand persons emigrated in 1876 from the Eastern and Western States to Oregon.

Most expeditious route to Oregon is by rall to sea Prancisco, California, and thence to Portland, Oregon, by the direct steamer line, salling every saturday morning.

Pamphlets, with maps and full description of Oregon, and all needed advice and assistance, may be had, free of charge, also certificates for reduced rates from fean Francisco to Portland, and on the Bailroads in Oregon, on application to the

R. I. LEE, Agt. Apply to Topeka, Kansas.

1 Including setting up, and other sizes at like reduction. Warranted the best in use or no sale. Send for circulars. Address, U. S. SCALE CO., Litchfield, Illinois.

\$200,000 WORTH OF COLD PLATED JEWELRY.

FOR \$1 WE WILL SEND, AS BELOW, ALL WARRANTED GOLD PLATED.

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1 pair Gold Stone Sleeve Buttons; 1 pair Engraved Sleeve Buttons; 1 set Pointed Studs; 1 set Amethyst Studs; 1 yet Amethyst Studs; 1 wedding Ring; 1 Rograved Band Finger Ring; 1 Amethyst Stone Ring, inlaid with gold; 1 Elegant Ring, marked "Friendship;" Amethyst Stone Scarf Ring, inlaid with gold; 1 splendid Silvered Hat Pin; 1 set Ladies' Jet and Gold Pin and Drops; 1 Missee' set Jet and Gold; 1 Ladies' Jet Set, ornamented; 1 set Handsome Rose-bud Ear Drops; 1 Gents' Elegant Lake George Diamond Stud; 1 Cardinal Red Bead Necklace; 1 pair Ladies' Amethyst Stone Ear Drops, inlaid with Gold; 1 Ladies' Ornamented Jet Broych; 1 Fancy Scarf Ring and Elegant Watch Chain.

Take your choice, the entire lot of 20 pieces, sent post-paid for \$1, or any 8 pieces you choose for 50 cts. Now is the time to make money. These goods can casily be Retailed at \$10.

F. STOCKMAN.

27 Bond St., New York.

STRAYED.

From my residence, three miles south of Topeka, and half a mile east of the railroad, on the 5th of April, five head of horses. A bald faced bay mare, white aind feet, with a yearling horse colt of same description; a bay horse, three years old, with no other marks; and two mare colts, two-year-olds, one bay and the other a brown, both with small star in the forehead. Will pay a liberal reward for information that will lead to the recovery of the stock. Any person finding these animals will please take them up and notify me.

JAMES WERTS, Pauline, Shawnee Co., Kansas.

April 17, 1877.

Broad backs, heavy hams and shoulders, short legs and heads, abundant hair, good constitutions, with purity but a few and good size combined with early maturity. make my because of blood, and good size combined but a few and those of the best.

JAMES WERTS, Pauline, Shawnee Co., Kansas.

April 17, 1877.

THE STATE OF OREGON Was distinguished at the Centennial Exhibi-

tion by more awards for the excellence and variety of its products than comparatively any other

State. OREGON offers great attractions to those in search of new homes, to wit;

Healthy and attractive diversity of surface, Grand scenery. Mud climate. No excessive cold or oppressive heat. Average temperature, summer, 67°, winter 390. Thunder-storms very rare, hurricanes

unknown.

Death-rate lower in Oregon than in any other State East or West. Soil of unsurpassed fertility, especially suited to cereais, fruits, fax, hops, and hay. No fail-ure of Crops in Oregon for thirty years from any cause. No droughts, as in California. Great abundance of the finest fruit. Stock-raising very profitable. As a farming country Oregon is not surpassed by any p t of the Union.

Annual exports from Oregon represent an average of three hundred dollars gold, to every

Abundance of good and charm Government, railroad, and private lands in Oregon. No land nopolies, as in California.

Variety of timber in Oregon of exceptional excellence for industrial purposes. Oregon has great mineral resources, especially coal, iron, lead, gold, and eliver.

Fine natural water system, vast water power. Prairie Dell Farm,

Breeds and has for sale the most fashionable trotting stock—Hambletonians and their most bletonians and their most successful crosses.

Fine natural water system, vast water power.

Oregon waters abound with fish,

Good market in Oregon for agricultural products, owing to short transpertation to the Pacific Ocean, and direct exportation to all parts of the world. Railroad facilities. Navigable rivers, including the great Columbia.

Oregon has every advantage enjoyed in civilized countries. Liberal laws. Good schools. Moder-

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BREEDER OF Thoroughbred English BERKSHIRE PIG.

-ALBO-Dark Brahma and White Leghorn Chickens. None but first-class stock shipped

OLD SI AND HIS WIFE'S TROUBLES.

"Ef you'd bin down ter my house las night you'd seen er pannyrammer!" said old Si.

"How is that?"

"My ole 'oman, she bought a secon'-han' one ob dese hyar newly-'nvented steelspring female tenders, an'—"

"Bought what, you say?"

"One ob dese hyar patint fish-traps dat a 'oman straps on an totes 'round!"

"Dar, now dat's de very name! Well, she tried fer ter put it on,an' ez she hez only got nine yard of kaliker in her dress, yer kin "A bustle?" magine de struggil dat she had !'

"Well, did she get it on?" "Oh, yas; she got hit on jess ez eezy ez puttin de harniss on a street-kyar mule. De aggytashun ariz when she cum to put on her dress ober de darn contrapshin!'

"How did that work?" "Blessid marster, dat's what I'se tryin' ter tell yer-hit didn't work at all, sah. She jess gymnasted 'round dar tell dar wuz'nt room in de house fur nuthin' else but her an' dat shuck baskit affa'r! I had ter he'p her on wid the gyarmint, honey!"

"Why, how did you manage it, sir?"
"Sho'! I'se waggin'd too many days not ter git de better ob a case like dat! I jess stood de ole 'oman on de table an' cotch hold ob de dress wid de waggin-kiver grab, an' I had dat gyarmint on fore yer cood say Jack Robberson!"

PUTTING THE BABY TO SLEEP.

The young rascal has no more idea of go ing to sleep than the man in the moon. He deftly clutches me by both ear rings, and, throwing himself upon his feet in a man-ner calculated to make the most fond mamma's teeth chatter, and seizing my frizzes by way of steadying himself, he firmly grasps my back-comb, which he only re-linquishes at my most earnest and repeated solicitations. Finding less comfort there than he had reason to expect, he proceeds to explore my nose, ears and mouth with his chubby forefinger, emphasizing the re-search by trying his teeth on the aforesaid members. Anatomy exhausted, he turns to pastures new. Do not imagine that I have been an idle recipient of these fond attentions. No! I have been sweetly chanting, tentions. No! I have been sweetly chanting, trotting and rocking. I have tenderly given "Sweet and Low." "Sleep, Baby Dear." I have done "The Cracked man," "Humpty Dumpty," with variations, "Hickory, Dickory, Dock," etc., etc., and having conscienciously finished "Mother Goose"—not even disdaining such upmusical productions. even disdaining such unmusical productions as "Pop goes the Weasel" and "Mother May I Go Out to Swim," in the illusive belief that they are calculated to stay and fix the wandering eyes and attention of young America—I proceed to more solemn business. I divest myself of ear-rings, necktie and all other snares, and metaphorically rolling up my sleeves, I strike into the "Psalm tune." "O, to Grace how Great a Debtor" is a comfort to me, but its soporific influence is confined to churches. Baby still pokes and clutches at my throat. "Hold the Fort" rings out in the heat of combat, Baby evidently intends to do so. Having gone through my repertoire of major tunes with no success, I conclude to resort to heroic treatment. With groanings that can-not be uttered I lay the young man down and firmly clasp him in my arms. Resulta very exasperated boy a year old, who struggles and squalls most lustily. Being a little stronger I hold on and solemnly chant "Hark from the Tombs." Five minutes of this innocent diversion convince me that the child must have a pain. Perhaps the little love has the stomach-ache. His ear may ache. He throws his little fists about fiercely, and as he reaches for water so sweetly I let him up, feeling that I have I do sometimes wonder how a few judiciously administered spanks would sound. Haviog thus solaced myself, we go at it againsing, scratch, poke trot, rock, walk, drink kiss, scold, pet—eyes preternaturally wide open, dinner getting cold down stairs. At ength, when we are both exhausted and those dear little peepers do close tight, and snuggling down close to my heart, he resigns himself to the inevitable, how sweet the cherub is!

ADVERTISEMENTS.

In answering an Advertisement found in thes columns, you will confer a favor by stating you saw it in the KANSAS PARMER.

CLIMAX



Mowers and Reapers

These machines are used by the P. of H. throughout the United States, and are sent to them at wholesale prices.
Send for descriptive Catalogue and Price List.

GIBBS & STERRETT MF'G CO.,

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Magnificent Premium Rose to every dollar's worth eracred. Send for our NEW GUIDE TO ROSE CULTURE, and choose from over 300 finest sorts. We make Roses a Great Specialty, and are the largest Buse-provers in America. Refer to 100,000 customers in the United States and Canada. THE DINGEE & CONARD CO., Rose-Growers, West Grove, Chester Co., Pa.

Champion Hog Ringer RINGS & HOLDER. Only double ring ever invented The only ring that will eff cinally keep HOGS from rooting. No sharp points in the nose



Brown's Hog and Pig BINGER & RINGS.

Only single ring in the market that closes on the outside of the nose. No sharp points in the nose to keep it sore.

Exclusive Manufacturers, Decatur, Ill.

CHAMBERS, BERING & QUINLAN,



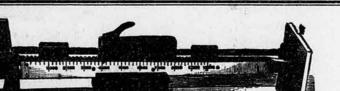


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MOWER AND REAPER SECTIONS.

KNIFE and SICKLE HEADS. Guard and Section Rivets, Brass Pitman Boxes, Thresher Spikes,

Patent Safety Couplings, Babbitt Metal, Rubber and Leather Belting. Near Union Depot, 1227 Union Avenue. Kansas City, Missouri. WRITE FOR PRICE LIST AND DISCOUNTS.



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Scales, Standard

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These Scales are superior in workmanship, accuracy, and durability, weighing from one pound to full apacity of the scale, with the utmost precision, and will be sold on as good terms as any good scale. We also manufacture Goolman's Folding and Stationary Top SCHOOL DESKS, and Warran the ame to be the strongest and most convenient yet offered to the Western people.

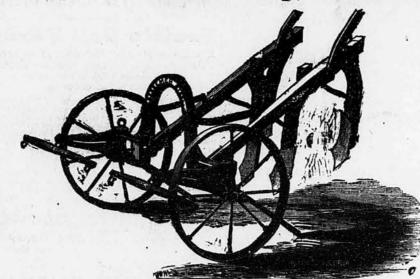
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in the Market. We are the Western Depot for the Canton Clipper Plows, Parlin Cultivator, 'Canton Vibrating Harrow, Cole's Stalk Cutter, New Departure (Tongueless) Cultivator, Canton Sulky Plow (warranted the best in market), Selby Corn Planter, Challenge Corn Drill, Champion Reaper and Mower, Van Osdel's Hedge Trimmer, the Aultman and Taylor Thresher, the Taylor and Dayton Sulky Hay Rakes, Huber Revolving Rake, Superior Grain Drill, Big Giant Corn Mill, Sandwich Corn Shellers, etc., etc.

In Our Wagon and Carriage Department,

Will be found the Studebaker Farm Wagon, and Good Strong Servicable Spring Wagons, Buggies and Carriages, of every description; we keep no shoddy spring work. Have adopted as our platform, on all of our work the best Wheel, best Spring best Axle, that can be procured, (let prices be graded by the finish), so that whoever gets a job of spring work of us can have the assurance that it will be of lasting service to them.

In our Seed Department,

Will be found none but Pure, Fresh, Field, Garden, and Flower Seeds. We use great care in purchasing our Field Seeds only of responsible parties, and having our Garden Seeds grown for us by some of the best growers in the country, seeds repectally adapted to this climate. We study the wants of the farmers of the new West, and those who have been procuring their seeds of us, or our seeds through their merchants, teetly to the fact of having the best success in raising crops they ever had. We take pains to furnish only the best of everything and more for the money than any other Agricultural House in the West, and our costomers can have the assurance and the warranty that when they get anything from us, or from their merchants who keeps our goods, from either department, that none can be better.

Don't be satisfied with any other line of Goods, inquire for them in every instance, and if your merchant does not keep them send to us direct. Send for our handsome Illustrated Catalogue centaining description and prices of goods in each department, and replete with useful information. Address

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C. S. WHRHLER, Kansas City, Mo.

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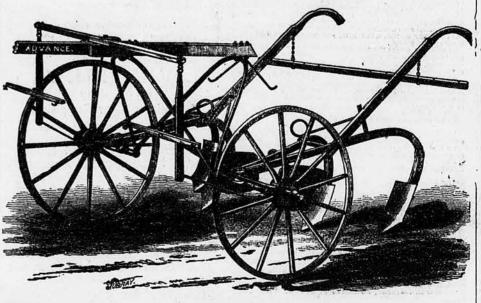
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We call the especial attention of Farmers to our line of strictly Standard and fully Warranted Goods adapted to their wants. With extensive establishments in Kansas City and St. Louis, and direct connection with the largest Plow Factory in the World, we are justified in asserting that our facilities for Manufacturing and Selling the best articles at low prices are unequaled in the West. We respectfully solicit your trade and will be pleased to send you our "Farmer's Pocket Companion" for 1877, free by mail on application. It is not a cheap Advertising dodge, but a handsome Diary and Pocket Book, replete with valuable information.

100,000 IN USE!



The Advance Walking Cultivator

-MANUFACTURED BY-

DEERE & COMPANY, Moline, Illinois.

Admitted, Everywhere Introduced, to be the Best Cultivator Made!

Awarded the FIRST PRIZES at every field trial by the Iowa State Fairs for six successive years past. Winner of the GRAND GOLD MEDAL at the Indiana State trial at Pardue University, June, 1876. Over twenty Cultivators competed, including all the principal ones now made.

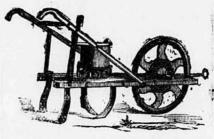
Points of Excellence which make it Superior to any Other:

HEIGHT OF AXLE, clearing the tallest corn.
SINGLE TONGUE, affording best facility in turning.
STRENGTH OF FRAME, being Double-Arched and of Wrought Iron.
WROUGHT IRON AND STEEL COUPLINGS never fail.
IMPROVED SAFETY BREAK-PIN and Varied Adjustability of Shovels.

In all the above important features the ADVANCE is superior to any other cultivator. It is the MOST ECONOMICAL to the farmer because of its strength and durability; and the MOST SATIS-FACTORY because of the superior quality of its work, and ease of control. It has worked its way to its advanced position in the hands of 100,000 farmers; and the well-confirmed conclusion of all dealers in implements who have handled or come in competition with it is the market, is that

The Advance has No Equal.

We invite farmers to examine it carefully in the hands of responsible dealers, and to buy none till



The HOOSIER CORN DRILL

One Man and Horse plant ten acres per day with ease, and the yield is greater by ten to fifteen bushels per acre, than when planted with two-horse planters.

Very Popular Wherever Known.

These Celebrated Churns have the endorsement of the best dairymen of the country. They combine more good qualities than any other. Five sizes made. Every Churn warranted. Made only by PORTER, BLANCHARD'S SONS, CONCORD, N. H.

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With TWENTY OIL TEMPERED Spring Steel

ORGIRL EN YEARS OLD Can Work It Easily.

The "Coates" Lock Lever Sulky Rake.

The favorite Rake in Kansas, and outsells all others, as we are prepared to prove by the figures. We have handled it for the past seven years with great success. We can hardly tell the story of its merits in more convincing terms, but we invite any farmer expecting to buy a rake, to send to us for Special Circular.

Office and Warehouses, Santa Fe and Twelfth Streets, West Kansas City.

EERE, MANSUR KANSAS CITY, MO.

The Kansas Farmer. SUPPLEMENT.

Crop Notes.

Winter wheat is making a splendid growth and before we are hardly aware of it, harvest will be here. Very little fears are now felt of grasshoppers, and we may therefore count on a good crop.—Abilene Chronicle.

Clintonites are discouraged about their grasshopper crop. They have tried all the usual methods and they still refuse to hatch. The farmers have about one third of their

corn crop planted. It comes rather slowly on account of the cold weather. Fruit is reported all right.—Lawrence Tribune.

The new lead mines discovered a few days ago, three or four miles north of Neosho, are being vigorously prospected, and the more sanguine anticipate some heavy strikes in a days. In the Connor shaft lead in considerable quantities has been found, while a number of other shafts are rapidly descending to the lead region.-Neosho Times.

Frosts on Sunday and Monday and a slight one on Tuesday mornings, and ice a quarter of an inch thick on the two mornings first mentioned, and still the fruit is not greatly damaged, so far as we have observed. If there should be no frosts hereafter, there will be bountiful crops of apples, peaches, cherries, and other kinds of fruit.—Emporia Ledger.

During the present week our farmers have During the present week our farmers have been busily engaged in planting corn, and we are informed that a larger extent of land has been planted, up to this date, than ever before in our county, and that a number of our farmers have entirely finished planting. This is business and speaks well for our county.—Garnet Plaindealer.

Mr. Wm. Cragle, near this place is ridding his farm of grasshoppers. His plan for de-stroying them is as follows: A long strip of muslin with sticks fastened to the ends and center drives the 'noppers into a deep furrow previously filled with hay, then he sets fire to the hay and burns the 'hoppers' He pronounces it a success. Keep the ball rolling.

—Marshall, Co Telegraph.

Owing to the steady rains which have been pouring down for the past week, farming operations here have been very greatly retarded. But little of the corn has yet been planted— and farm work has been set back nearly two weeks from the cause above indicated. This is greatly to be regretted—but we believe there will yet be a season for "seed time and harvest."-Neosho Co. Journal.

The prospect is now excellent that we shall have a good fruit season this year. The trees of all kinds have blossomed out well, and the fruit has not, thus far, been injured. It is true that we sometimes have very cold weather after this date, but, according to our recollection, in all such cases the preceding portion of the season has been very different from what it has been this year.—Manhattan Nationalist.

Reports from all parts of the county are most encouraging. The cold rains of last week, continuing for four days, destroyed most of the 'hoppers, those remaining generally in sheltered places on the banks of the Smoky. These survivors are consumptive looking nuisances and will not be likely to do much damage. By fighting the few that re-main but little further trouble, need be apprehended .- Ellsworth Reporter.

Jenathan Tinkler, assessor of Eureka township, furnishes the following statistics of his township for 1877: Acres under cultivation, 7.720; acres of winter wheat, 4.874; acres of spring wheat, 710; acres of corn, 1.312; acres of oats, 543; bushels of old corn on hand, 10. 140. 6.765, lbs of butter were made from 98 cows. Stock to the amount of \$6 368 was either sold or slaughtered at home. There are in the township 189 horses and 52 mules: are in the township 189 horses and 52 mules:
5.782 bearing peach trees and 3.482 young days than usual. Where they settled thicka total population of 285 .- Saline Co. Journal.

From all that we can learn the frosts of Saturday and Sunday nights last did no material urday and Sunday nights last did no material injury to the fruit crop, and peaches and cherries promise to be very abundant. Charles Hinshaw, the veteran of Fruitland, informs us that he will have 3.000 bushels of peaches, and will not be surprised to see seedling peaches sell for 15 cents per bushel. The apple crop [vill be about one-half what it was last year, on the average Small fruits except steam. on the average. Small fruits, except straw-berries, will be plenty. Grapes never fail in Kansas and will of course, be abundant.—Em. noria News.

The Ninnescah and Cowskin country, lying in the western half of Sedgwick, are not only sections that have glorious wheat prospects, but one would think, to hear the farmers from out one would think, to near the larmers from out there, when they come into our office, talk-ing "wheat," "war." "grasshoppers," "forty bushels to the acre," "never saw such a pros-pect," "don't know what to do with the money," and like exciting exclamations, that the land around Wichita and up and down the river wasn't to be spoken of; but in the name of propitious weather and late sowing, gentleof propitious weather and late sowing, gentlemen, we entreat you to go slow, for we have dozens of farmers in Eagle. Grant, Lincoln, Park, Greeley, Union, Kechi, Payne, Delano, Wichita, Gypsum and Rockford townships who get right up on their tees and, with clinched fists and open mouths, declare that no body has got any better fields of wheat than they. The Ninnescah is a great country—we all admit that—but the east side of the county has a good many pieces of wheat the rill has a good many pieces of wheat that will net thirty bushels, more or less, to the acre.— Wichita Eagle.

The grasshopper scare is about over. They have done but little damage, and what little they did do, was on the barren sandy lands, in the vicinity of the rivers. We feel comparathe vicinity of the rivers. We feel compara-tively safe as to any depredations they may commit on our present crop of wheat; but, however, in many places, there are consider-able quantities of them housing about our fields, in the old grass or any other rubbish under which they can take shelter. The wheat in this part of the county looks very fine Farmers mostly done planting corn. We had but little rain in this locality this spring, and yet our land is in fine order. We had a light frost and a severe freeze last night. Ice was formed on still water, in a small body, 3% of an inch thick The fruitlend all tenders. inch thick. The fruit and all tender garden stuff is killed. There wouldhave been peaches in this section of the county to have supplied the home demand. It being our first crop and the young trees very full, it naturally made us feel very proud to think that very soon we would again have some of the luxuries or life, the same as we had in the days of yore. But alas, our prospects for the present are all blasted.—Belle Plaine correspondent of Sum. ner Co. Press.

Our farmers are putting in corn at the rate of seventeen acres per day to one team. They must have stock to feed it to next winter.—

E. M. Hewins this morning shipped 17 cars of cattle and 6 of hogs from this city by special train .- Independence Courter.

Wheat never looked better in southern Kansas at this season of the year, though not quite so forward. The stand is good and growing rapidly.—Oxford Independent.

The finest field of wheat in the Walnut Valey, is that owned by Aus. Wilday. It contains forty acres, has an even growth, and on last Friday measured fifteen inches in height. -Augusta Gazette.

In our trip last Monday through the western part of this county and a short distance in
Chautauqua, we saw field after field of wheat.
It was looking well. We saw but one or two
poor pieces of wheat throughout cur entire
ride, and we are strongly of the opinion that
this harvest will witness a bountful yield.—
Induced one Kanaga. Independence Kansan.

James Adams says that the people of Brown's creek have got away with an immense num-ber of the hoppers and are preparing to burn the prairies off and finish the business. He says the spring grain is considerably damaged, but that winter grain is unhurt and looking very fine. The peats have largely disappeared, yet a great many are in the grass, and he thinks that by burning the prairies nine-tenths of them will be destroyed.—Jew-ell Co. Disappeared. ell Co. Diamond.

W. C. Ellett sowed forty bushels of Kentucky blue grass seed on his farm, on Rock creek, last season, which is reported as being in a fine condition. The seed was sown on the prairie sod, in the pasture, and seems to have taken hold with great tenacity. It seems to do the best near the stone fence and on the north side of the ravines. With a southern exposure, the sun is liable to kill it out. From the experience of Mr. Ellett we are inclined to think that blue grass will in time take the place of prairie grass.—Eldorado Press.

HOPPER REGISTER OF THE BLUE RAPIDS TIMES FOR 1876

June 1-Grasshoppers have been hatching out for about five weeks. Appear principally on the bottom lands, especially lowest sandy lands near the river, and in the edge of timber. They travel slowly, generally in a south-west direction. Many have wings, but no flight has been observed. Some fields have been entirely destroyed on the river bottoms, others uninjured.

June 2.—Many hoppers appear to be dying frem a worm or magget that eats out their vi-tals. They are found in those dead and alive. In some localities the destruction seems to be going forward on a large scale.

June 3.—First general flight of hoppers ob-

serevd came in from the south and settled in various places in the township. This is the first general invasion of the high prairie.

June 4, 5, 6, 7.—Weather wet and some days quite cool. Hoppers do not appear so active as when the day is clear and the weather

June 8.—Hoppers come in large numbers from the south, and settled. June 9.—Myriads of hoppers passing in a northerly direction. Stiff wind.

June 10.-Wind blowing strong from the south. Air filled with locusts moving at breakneck speed to the north. Many are

rising. June 11 .- Heavy rain last night. Day cool. Hoppers doing most damage to wheat and rye. In some localities, thick, in others, scarce Creps doing well, and while some have lost

everything, others are untouched.

June 12.—Day warm and sunuy. Hoppers moving north and northwest in quantities.

Rose from this locality more numerously than on preceding day. Toward evening they set-tled in some localities in immense numbers, and immediately commenced operations on the wheat, rye and barley.

June 13.—Hoppers on the move northward.

est yesterday, they left this forencon.

June 14.—Grasshoppers traveling north,

seem to be scarcer in this vicinity than heretofore, though some localities report them much more numerous. Their increased growth gives them greater destructive power where they settle for the night.

they settle for the night.

June 15.—Day hot. Thermometer registers over 100° in the shade. Hoppers commenced leaving about 11 a. m., joining those coming from the east. At four o'clock a slight storm of rain, with some thunder, set in, and the air in some portions of the township was filled with them lighting. In the barley, wheat and rye fields they generally attacked the

head of the grain.

June 16.—Day pleasant. Hoppers traveling northward and westward.

ADVERTISEMENTS.

In answering an Advertisement found in these columns, you will confer a favor by stating you saw it in the KANSAS FARMER

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Tipton, Cedar Co,, Iowa,



BREEDER AND SHIPPER OF

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PERCHERON-NORMAN

FOR SALE. Bight splendid stallions of this celebrated breed arrived at my stables Sept. 28th, direct from France. I selected them myself, and they are good ones; all stylish animals, with extraorditary action for such large horses. Send for descriptive catalogue, prices, terms, etc.

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IMPORTERS OF AND DEALERS IN NORMAN-PERCHERON HORSES



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D. B. BURDICK. Nine miles South of Carbondale, Osage County, Kan

SHORT-HORN CATTLE.

of good pedigrees, sired by the premium bull Lone Elm Prince, from Meadon Lark, Prairie Flower, Nellie and other herd-book and premium animals. Prices reasonable, address D. B. BURDICK, Fairfax P. O., Osage Co., Kansas.

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Will do SURVEYING in Shawnee County, if called on at his house one fourth mile North-east of Washburne Coffege, on the Dover road.

Also, has a few pure Garden Seeds, to sell by the onnee or pound, at reasonable prices.

CABBAGE, TOMATO and other PLANTS, in April, May and June.

GOOD BOOKS!

Farm, Garden and Household.

Farm, Garden and Household.

The following is a list of Valuable Books, which will be supplied from the Office of the Kansas Farmer.

Any one or more of these books will be sent post-paid to any of our readers on receipt of the regular price, which is given opposite each book.

Allen's (R. L. & L. F.) New American Farm Book \$2 50 Allen's (R. L.) American Cattle & 2 50 Allen's (R. L.) American Farm Book & 1 50 Barry's Fruit Garden.

250 Barry's Fruit Garden.

250 Breack's New Book of Flowers.

250 Broom-Oorn and Brooms. Dapar, 50 cts.; cloth Broom's Taxidermist's Manual.

251 Caldwell's Agricultural Ohemical Analysis.

252 Consett's Foultry Yard and Markets. pa. 50 cts.; do do do Cloth.

253 Corbett's Foultry Yard and Markets. pa. 50 cts.; do Dadd's American Cattle Doctor, 12 mo. 1 50 Dadd's American Cattle Docto

 Frank Forester's American Game in its Season
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 Fuller's Grape Culturist
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 Fulton's Peach Culture
 1 50

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 1 75

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 By nine experienced cultivators
 30

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 75

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 75

 Mohr on the Grape-Vine
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Tim Bunker Papers; or Yankee Farming. 1 50
Tim Bunker Papers; or Yankee Farming. 1 50
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Waring's Draining for Profit and Health. 1 50
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Wright's Practical Poultry-Keeper. 2 60.
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And Fence Barbs. AGENTS FOR FAIRBANKS SCALES.

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AND LOOK AT THE SMITH WAGONS, SPRING WAGONS,

BUGGIES, PLOWS, and

CULTIVATORS. We call special attention to our Cultivators, which for beauty and lightness of draft are unexcelled. Thousands of farmers in the East testify to their superior qualities.

MR. COOK is also Agent for the "Ellen-

qualities.

MR. COOK is also Agent for the "Ellenwood" Sulky Cultivator, which
has gained a merited reputation over all its competitors in Illinois and lowa, 6000 sold last year.

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BIDLES, HALTERS, WHIPS, etc. This establishment is one of the cidest in the State. Good work for reasonable prices. Prices sent by mail to persons living at a distance.

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8-Ton Scales for Sale.

We offer at a great bargain, a new 8-ton Standard Stock Scale of most improved patent.

Will take as part pay a pony or young horse to the value of \$50 or \$60. Address

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plete and comprehensive Calculator, Thousands of people will be benefited more, in the arts of

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KANSAS FARMER,
TOPEKA KANSAS.

TO FARMERS AND HORSEMEN.

Royal George!

PEDIGREE:—ROYAL GEORGE was raised by Mr. Thomas Betts, Montreal, Canada East, and was imported by John Dillon, in the fail of 1871. Royal George is eight years old this spring, and stands sixteen bauds high, weighs fifteen hundred pounds, and is a beautiful bright bay without white; black legs, tail and mane; heavy boned, short jointed, long neck, heavy mane and tail, and line style; good trotter; all sound, and well broken to either saddle or harness; is of good disposition. In short, he was said by the government officers at Buffalo to be the best horse they were ever called to examine and pass through the British line.

Royal George was sired by Mr. Cumberland's Old Royal: George, imported from England, which horse always took the first prize in Canada, wherever shown, for gearal purposes; he is the fastest trotter at all shows, and weighs fifteen hundred pounds, c m sactly and smoothly built, and has left the most u. from horses of any other horse in Canada. His sire was Old Brown George, the property of Mr. Burbage's brown horse Champlon, of Crovton near Belvoir. Leicestershire. His dam out of Mr. Musson's celebrated horse Ploughboy, of Waitham; his grand dam by Mr. Goodwin's Old Sampson, of Nottingham, England, and lie by Old Drayman, the property of Mr. Berridge, of Ingersby, and he out of Mr. Burbage's superior mare Smiler; of Loddington, which was sold to go to France as a brood mare, for four hundred guineas. Smiler was by Mr. Simpson's Farmer's Glory, by that very noted horse Old Black Legs, belonging to Mr. Wild, of Croton. Black Legs was always said to be the best horse in Croton or Warwick, and was sold for six hundred guineas to go to America. Black Legs was sired by Black Prince, dam Marytom full blood English draft, imported from England in 1860, which herse took the first prizes, for general purpose, in the fall took the first prize, for general purpose, in the fall

YOUNG ROYAL GEORGE took the first prizes, for general purpose, in the fall took the first prizes, for general purpose, in the fall of 1871, at Montreal, also at Kingston, also at Brampton, also at Guelph, alse at London, also at Hamilton the fall he left the Province for the United States, always showed against from twenty to ninety horses in his own class, always beating trotting.

Royal George is a pure bred korse and will recommend itself to all competent judges. Has proved himself a sure foal-getter, and his colts are the most uniform of any horse's in the country, nearly all are his own color and style. Terms \$15,00 to insure. Season \$10.00.

KICKAPOO RAINGER

is a chestnut with a star and white on nose, left fore ankle white and white hind socks. Not surpassed for style and heatty in the State. Sired by Comus, he by Green's Bashaw, dam Baltimore Maid. He is a good traveler, has four crosses of Old Messenger and one of Mambrine. For extended pedigree, call on the owner on the Wilcox property, Northwest of the Fair Ground, Topeka Kansas. Terms: \$25 to insure.

The above horses will make the season from April ist to July 4th, at the above place adjoining Topeka. Persons from a distance can be accommodated with pasture.

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High Class Poultry.

Light and Dark Brahmas, Partridge and Buff Cochins, Plymouth Rocks, Houdans, Brown and White Leghorns, B.B.R.Game, and Silver Seabright Bantams, Bronze Turkeys,

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The above stock is bred true to feather, and from the best strains in England and America. My fowls are not bred in confined city lots as many are. I have a large farm devoted specially to breeding and raising time ponitry. I select by the "Standard," and strive faithfully to please my customers.

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Pure Berkshire Pigs. I have a few fine pigs of the above breed for sale now. Send stamp for prompt reply. Circulars, lists of mating, and premium list to purchasers. Write name, P. O., County and State blainly, and address,

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The Kansas Farmer.

SUPPLEMENT.

STICK TO YOUR BUSINESS.

There is nothing which should be more frequently impressed upon the minds of young men than the importance of steadily pursuing some one business. The frequent changing from one employment to another, is one of the most common errors committed, and to it may be traced more than half the failures of men in business, and much of the discontent and disappeintment which render life uncomfortable. It is a very common thing for a man to able. It is a very common thing for a man to be dissatisfied with his business, and to desire to change it for some other, which, it seems

be dissatisfied with his business, and to desire to change it for some other, which, it seems to him, will prove a more lucrative employment; but in nine cases out of ten, it is a mistake. Look around you, and you will find among your acquaintances abundant verification of our assertion.

There is an honest farmer who has toiled a few years, got his farm paid for, but does not grow rich rapidly, as much for lack of contentment mingled with industry as anything, though he is not aware of it. He hears the wonderful stories of California, and how for tunes may be had for the trouble of picking them up; mortgages his farm to raise the money, goes away to the land of gold, and, after many months of hard toil, come home to commence again at the bottom of the hill for a more weary and less successful climbiag up again. Mark the men in every community who are notorious for ability, and equally notorious for never getting ahead, and you will usually find them to be those who never stick to one business long, but are always forsaking their occupation just when it begins to be profitable.—Scientific American.

more weary and less successful climbing up again. Mark the men in every community who are notorious for ability, and equally notorious for never getting ahead, and you will usually find them to be those who never setted to one business long, but are always forsaking their cocupation just when it begins to be profitable.—Scientific American.

BUSINESS BLUNDERS.

Among the many blunders that some business men make, one is going too fast; trying to do too much business without sufficient capital to carry it on to a successful conclusion, and before one has earned the confidence of one's friends and acquaintances by hard work, strict economy, and by demonstrating that one possesses all the requirements of an able business man. It is very necessary before launching into business on a very large scale, to lay a foundation for and secure withail one's business connections a sound credit, which goes very far to make up for want of cash capitality in the sun type and the condition of making the fortunes of a great many of our wealthlest men. We wish particularly to enforce this point on every beginner in business.

Only let it be known that you are bound to succeed, that every thought of yours is to be a search and the profits and the profits and the profits of yours is to be a sunch to more wearthly and the fortunes of a great many of our making the fortunes of a great many of our wealthlest men. We wish particularly to enforce this point on every beginner in business.

Only let it be known that you are bound to succeed, that every thought of yours is to be a force of the ground that has been time as indian corn, on good ground that has been there say with the harrow. Mark out your rows three with the harrow. Mark out your rows three and half or four feet apart. Sprinkle the with the harrow. Mark out your rows there are impact, and hand; and half or four feet apart. Sprinkle the with the arrow. Mark out your rows three and half or four feet apart. Sprinkle the with the arrow. After this particular, and half or four fee wealthiest men. We wish particularly to enforce this point on every beginner in business. Only let it be known that you are bound to succeed, that every thought of yours is to be a successful, high toned, honorable prompt business man; that by your own efforts, you intend to command the respect and confidence of your business acquaintances and friends; that you do not want to build up a 'false credit' tounded upon deceit, and you will have a 'capital' that will stand you will good stead of cash to carry on a large business. Credit, however, depends as much upon ability to do business properly as upon the other concomitants, for you may have horesty of intention and yet those who hold the purse strings and give credit (and they are generally men who have all the other attributes that would go to make a successful merchant—in their judge ment wow are gening too feast. Therefore, it is to have all the other attributes that would go
to make a successful merchant—in their judgment you are going too fast. Therefore, it is
a "business blunder" to attempt to do more
than you have capital of some kind or ether to
carry you through with what you have under
taken. How often have we heard it said in
banking circles, "they are nice mea, but they
they lack business ability;" or they are doing
a good business ability;" or they are doing
a good business ability;" or they are doing
a good business, but are not honest, and if they
should fail, no one would ever get a cent;" or
"they are doing a good business, but they live
too high." Once we were particularly struck too high." Once we were particularly struck and was of course of a polar temperature. On with a remark made: "He is doing a fair bus. Saturday night it cleared up partially, the iness and might make money, but I saw him wind went down and Jack Frost got down to driving a tandem establishment, and never bought his paper since." The above are only a sample of what is heard among observant bankers and buyers of commercial paper every day and in all large cities. That is the way the largest amount of "credit" is dispensed, but it is the same way all over the country. but it is the same way all over the country, the same sterling qualities that deserve and get a credit of millions in large cities, deserve and get lesser amounts in towns, villages and country places, and it shows how necessary it is to have those qualities in order to secure confidence, for credit is based on confidence, and confidence secures credit.—New York

CORN AND PORK.

There is excellent practical sence in the following, from the Iowa State Register:

"There have been various careful teste as to how much pork a bushel a of corn will make. It seems to be conceded that with the best breed of hogs and the greatest care in feeding there may be certainly 8½ pounds to the bushel. With this data it is easy for a farmer to know what he is doing as well as what is best to do. He will see at once if corn is 25 cents per bushel and hogs five cents,he should sell hogs and not cern. But if corn be fifty cente and hogs five cents, it is more profitable to sell corn. Corn at forty five cents and pork at five cents, they are equal. And in this way a farmer can easily deside what to do. Or in other words find out what he can obtain for his core, then multiply the price of corn by 8½, and he can at once see which is the most profitable. Pork ought to be the standard by which to as certain the price of corn, and not by what they will give at the railroad station. We have said frequently that most of farmers do not know whether they are making or loosing money, for the reason that they do not make any effort to know what their wheat, corn, pork or beef costs. But when they have the raw material on hand they should carefully ascertain what is is best to do with it. And the rule which we here present to them will solve the question of what to do with their corn. But in these calculations we make no corn. But in these calculations we make no allowance for the poor breeds of hogs or for careless feeding or indifferent quarters for the comfort and improvement of the animals. All these must be taken into account. Some men by a slipshod system of feeding and bad treat-ment do not get five cents per bushel for for corn.

On Saturday and Sunday nights this part of Kansas was visited by frosts. On the low grounds some of the peaches and pears were killed, but there is still sound fruit enough to load the trees. No damage was done on the high lands, so far as heard from. Junction

RAISING LAMBS BY HAND.

Seeing an inquiry for information about raising lambs by hand, I will give my experience. I have raised a great many, sometimes three in one season. My husband always gives them in my care, if their mothers do not own them. If the weather is cold, I take an old blanket or piece of carpet, and wrap the lamb in it as soon as discovered and place it near the fire to get warm. I then put about half a teacupful of milk into a basin, with very little New Orleans molasses, if the cow is not a new milch cow, If she is, I do not use molasses, as it is more apt to sour on the lambs stomach. I never put in a drop of water, as a lamb wants nourishment. More lambs are starved than over fed. Next I place my finger it its mouth and with a spoon dip in some milk. A young lamb is a hungry little thing, and will suck anything greedily. After a little put its nose into the milk, and teach it to drink like a calf; or I feed it in a bottle, say three or four spoonfuls at first, and in half an hour I feed again; increasing the quantity. They should be fed increasing the quantity. They should be fed as often as once in two hours. Half a teacupful will not hurt a lamb. After they are twenty-four hours old the quantity should be increased. Should one become costive, put a teaspoonful of melted lard into the milk. Again I say, do not starve them. I have raised more than twenty, and never lost one from overfeeding. They should not have skimmed milk nor cream, but as near like new milk as may be.—Mrs. L. G., in Country Gentleman.

HOW TO GROW BROOM-CORN.

and is worth a great deal more in the market.

From two to four quarts of good seed will plant one scre, yielding on good ground seven or eight hundred pounds of brush and forty bushels of seed, which is nearly equal to corn

hard-pan before morning. By midnight Jack had visited the vicinage with out respect to locality and the result of his visit has been a partial killing of the fruit crop. The probability is that the peaches are yet all right. The apples, pears and other fruit have been damaged quite seriously. We examined the cherries on Monday and found them safe. The potatoes were cut down, but will sprout again, probably. - Wichita Beacon

ADVERTISEMENTS.

Our readers, in replying to advertisements in the Farmer will do us a favor if they will state in their letters to advertisers that they saw this advertisement in the Kansas Farmer.

A. A. RIPLEY & SON. Topeka, Kansas,

DEALERS IN GROCERIES AND

Agricultural Implements.

We are Agents for the sale of the

Selby (or Union) Corn Planter, Described in this paper, Feb. 28th, 1877. Also the NEBRASKA CITY PLOWS

La Harpe Cultivator. AND THE

PIERPONT SULKY PLOW. The lightest and strongest Sulky Plow made, all Wrought Iron and Steel.

Commission Merchants. DOWNS & MERRILL.

Dealers in Grain and Country Produce. Orders for produce promptly filled at lowest market rates.

Consignments of any kind of goods or farm machinery solicited. Prompt and exertal attention given to the disposal of all consignments.

We have on sale, Cultivators, Reapers, Mowers, and Harresters. We are State Agents for the Mannfacturers. We have superior Wood and Stele Beam Plows. We are ready to fill orders for one plow or a car load. In lots of five Plows and upwards, we sell at greatly reduced prices. Send for prices. We have Farm and Spring Wagons. A fine Flatform Spring Wagons at \$185.00.

Office and Warehouse on Seventh Street and Atchison, Topeka and Santa Fe Railroad Track.

Sample Store where our Implements may be seen. Is on Sixth Street, between Kansas Avenue and Quincy Street, Topeka, Kansas.

REAL ESTATE AND MONEY.

TOPEKA BANK

Savings Institution,

Topeka, Kansas.

State Incorporated—Cash Capital and Surplus \$210-900.

Wanted Immediately—\$50,000 Counly, School and Township Bonds.

JACOB SMITH, Pres't. JNO. R. MULVANE, Cash'r.

JOHN D. KNOX & CO.

B. ROBERTS, Ase't Cachier

Topeka, Kansas.

General Banking Business Transacted, Money to loan on Real Estate, in any Amount from \$100 upwards.

Land must be free and clear from all incumbrance and ritle perfect. Parties wanting a loan will please send for a blank form of application.

We pay the highest rates for

SCHDOL BONDS.

Districts and Townships about to issue Bonds will save time and obtain the best rates by writing direct to us. Interest paid on Time Deposits. Real Estate Loans are completed without unnecessary delay and waiting.

JOHN D. KNOX & CO.,

Topeka, Kansas.

N ATIONAL LOAN & TRUST CO., Topeka, Kansas.

Loans negociated on improved property, County, Township and School Bonds; also County and Township Warrants bought and sold. Correspondence solicited from parties desiring to invest large or small amounts of money safely, to net 10 to 12 per cent per annum.

B. HAYWOOD, President.

G. F. PARRELEE, Vice President.

"The Best Thing in the West." Atchison, Topeka & Santa Fe Railroad

LANDS,

3,000,000 ACRES Of the best Farming and Agricultural Lands in America, situated in and near the beautiful Cottonwood and Creat Arkansas Valloya, the Garden of the West, on 11 Years' Orelit, with 7 per cent. Interest, and 20 per cent. Discount for Improvements.

FARE REFUNDED

to purchasers of land.

ES Circulars, with map, giving full information seen free. Address.

A. S. JOHNSON.

Acting Land 62. visioner, Tugeta Kansas.

Land! Land! Land HOMES FOR THE PEOPLE.

-350,000 ACRES

Bourbon. Crawford and Cherokee Co's, KANSAS. STILL DWHED AND OFFERED FOR SALE

Railroad Company On credit, running through ten years, at seven per cent, annual interest.

20 Per Ct. DISCOUNT FOR CASH IN FULL AT DATE OF FURCHASE.

For further information address,

John A. Clark.

Fort Scott, Kan,

SEWING MACHINES.

AND ATTACHMENTS.

Farmers should bear in mind that every thing in the line of Sewing; Machine Attachments, Needles, Oil and the different parts of Machines, are kept constantly on hand at the Singer Office in Topeks. These goods are bought direct from the different Companies and are, therefore, perfect, every part warranted.

Needles Socts, perfect, every part warranted.

Ceived.

The following is a list of Machines for which
Needles and parts are kept constantly on hand.

Reter. Singer, Howe, Blees, Domestic, Grover & Baker, Wheeler & Wilson, Florence, Wilcox & Gibbs, Weed, Wilson Shuttle. Victor, Remington, Aetna Manhattan, American. Elliptic and Hand Machines.

Office 235 Kansas Avenue. Address. Singer Agency Topeks, Kansas

Sewing Machine Needles.

Per dozen by mail, 50 cents.
Tuckers, Goodrich or any other, \$1.00 each
Rufflers, Johnston or any other, \$1.50.
For club rates, supplies or repairs, send to
J. R. DUTTON, P. O. Box 696,
Or call at \$00 Kansas Avenue, Topeka, Kans.

NEW DISCOVERY:

Gold and Silver Made

By this new invention. It makes happiness and good health; it saves time and labor; it is an economizer of soap, tubs, wash-boards, boilers, stove and inci. If you want to wash with little trouble send to

J. B. WOOLSEY, BLOOMFIELD, 10WA, Box 208, For Circulars and full information.

\$500.00

FORFEIT IF

Woolsey's Universal Washer is not the best in the market. Every one gives it the credit of being the only washer in the world that heat

credit of being the car, which are low, rich or poor, its own water.

Terms so liberal that the high or low, rich or poor, can make money by corresponding as above. State in what paper you saw this advertisement. Write to

Bloomfield, Iowa.

AGENTS WANTED EVERY WHERE FOR OUR NEW CENTENNIAL

PICTURIAL FAMILY and Biblical. Encyclopedia.

The best and cheapest in the market. Nearly 2000 Pictorial Illustrations. Liberal commission allowed. For terms and circulars write immediately to the ST. LOUIS BIBLE PUBLISHING CO., 805 Locust St., ST. LOUIS, MO.

The Grand Break in Prices,

Only Realized at

S. BARNUM & CO.'S.

197 Kansas Avenue.

The advantage we possess in paying Cash down for every dollar's worth that enters our house, and also the fact that we employ a constant buyer in the East, who attends all the great forced sales, has enabled us to lay in a stock for the Spring and Summer season at such EXTREMELY LOW prices as has never been realized in the history of

this City.

Besides the following special bargains, we shall from time to time announce the arrival of any fresh lots which our buyer may forward to us.

arrival of any fresh lots which our buyer may forward to us,

50 dozen ladies' Cotton Hose, three pair for 25 cents.

60 " one and two Button Kid Glovee, 40 cts.

50 " Elegant Silk Ties, 28, 40, and 50 cents.

50 Splendid Corsets, 50, 60, and 75 cts. worth double.

50 Ladies' Ruches New Style 5 cts. or 3 for 10 cts.

1000 Yas Embroidery, latest patterns, 5 cts. and upward.

1000 "Victoria Lawn, Nainsook and Swiss 20 cts.

50 doz, best quality Damask Towels, 25 cts. worth 50 cts.

20 pieces first quality Turkey Red Table Linen, 70 cts.

21 yds Extra Fine Brown Muslin at \$1,00.

12 yds Brown and Bleached Muslin, \$1,00.

13 yds Good Cheviot, \$1,00.

19 yds Good Cheviot, \$1,00.

20 pieces heaviest Ticking for feathers 20c. worth 30c.

20 pieces Jeans, 15 and 25 cts. per yd. worth double.

Est quality heavy Cottonades, 25 cts. worth 40 cts.

25 pieces new style Plaid Suitings, 12½C. worth 40 cts.

26 pieces first quality Turkey Red Table Linen, 70 cts.

27 pieces Alpaca Poplins, Plain Collors 26c. worth 30c.

28 pieces first quality Turkey Red Table Linen, 70 cts.

29 pieces Union Table Linen, 25c. worth 30c.

19 yds Extra Fone Brown Muslin at \$1,00.

19 yds Brown and Bleached Muslin, \$1,00.

19 yds Good Cheviot, \$1,00.

20 pieces heaviest Ticking for feathers 20c. worth 30c.

20 pieces Jeans, 15 and 25 cts. worth 40 cts.

25 pieces new style Plaid Suitings, 12½C. worth 30c.

26 pieces Roe Alpaca Poplins, Plain Collors 26c. worth 30c.

27 pieces Union Table Linen, 20c. worth 30c.

28 pieces Roe Plaid Table Linen, 40c. worth 65c.

29 pieces Towelling, 4 yards for 25 cents.

LARCE LINE OF LADIES' LINEN SUITS,

SHAWLS. SILK HANDKERCHIEFS. SKIRTS, etc., etc. At 50 cents on the dollar

We desire to call especial attention to our Stock of CLOTHING for Men and Boys. We have now in Stock a splendid Working Suit as low as \$5,00 for men, and \$3,50 for boys.

200 Cossimere Ceats, all wool, as low as \$3,00 to \$4,00, a job lot.

Splendid Quality Working Pants,

As Low as \$1,25 to \$1,50. 60 dozen Extra Quality Suspenders, 30 cts. worth 50c. 50 dozen Cotton Hose, 12 pair for 60 cents. 10 dozen Overalls, good quality, 65 cents worth 50 cts. 100 dozen Silk Bows and Ties, 25 cents, worth 50 cts.

Carpets, Oil Cloths and Mattings.

We are offering special inducements in the above lines. We carry the finest stock West of St. Louis, and sell at prices that cannot be duplicated.

Hats, Caps and Straw Goods.

The largest and finest assertment in this city. Great Bargains in these lines.

Trunks, Valises and Bags.

A great and varied stock at twenty per cent. less than can be bought elsewhere.

Cloths, Cassimeres, and Jeans.

The best selected stock in the city, at prices fully 25 per cent below the lowest. We quote extra heavy Jeans at 25 cts., Cassimere Tweeds at 60 cts., worth 90 cts., Cottonades 20 cts., decided bargains at 25 cts. All we ask is an examination of our stock, we guarantee satisfaction in all transactions.

S. BARNUM & CO.

Agents for ALL kinds of Sewing Machine Needles, Oils and Attachments.

GREAT BARGAINS IN Missouri River. Fort Scott and Gulf Fine and Common Furniture. AT BARTEL BROS.,

119 Kansas Avenue, Topeka, Kans.,

MANUFACTURERS OF AND DEALERS IN Fine and Common Furniture.

We buy for cash exclusively, and first class goods only. Use well seasoned lumber, employ skilled workmen and sell at GRANGE PRICES. Don't forget the place, first door South of Court House, sign of the Mammoth Rocking Chair. Orders by mail from a distance will receive prompt attention.

FARMERS, TRY OUR NEW CORN DUMP.

Shellabarger, Griswold & Co.,

SHAWNEE MILLS.



TOPEKA, KANSAS.

Manufacturers of the BEST QUALITIES

-OF--Family Flour,

MEAL, And MILL FEED

Cash Paid for Wheat, Corn, Rye, &c.

227 Kansas Avenue, Topeka, Kan.

Every variety of choice and fancy goods have been added to our large stock of Standard Groceries. And we now offer our customers the finest assortment of Groceries to be found in the city.

Molasses, Syrups, Honey, Sugars, Coffees, Teas. BEST M. SYRUP, BEST WHITE ROSE SYRUP, BEST N.O. MOLASSES

Mocha and O. G. Java Coffees; Green Teas, Japan Teas, English Breakfast Tea, all selected with care from the best houses, and warranted genuine. CANNED GOODS, GREEN AND DRIED FRUITS, SALTED MEATS, AND, FISH, EDAM CHEESE, PINE APPLE CHEESE, ELGIN CHEESE.

FLOUR and MEAL.

At the head of the list of Flour in Kansas stands our CRYSTAL! Oat-Meal, Prepared Wheat, Breakfast Grits.

CHINA and GLASSWARE.

We have fitted up the second story of our store as a CHINA and GLASS HALL, and furnished it with a large stock, selected with special reference to the wants of this city and country. Our stock comprises a full line of White Granite Best, White Granite Victoria, English U. C. Ware, Glass, Yellow and Rockingham Ware. We also keep a large stock of STONE, CROCKERY WOOD and WILLOW WARE, etc. HIGHEST PRICE PAID FOR COUNTRY PRODUCE. Our business is conducted on a cash basis, the only system by which a low range of prices can be maintained.

We sell the best and Warrant our Goods, Call and examine our stock.