specimen copies of your paper, and the contents were so interesting and the price so reasonable, that I thought I must subscribe for it, though I am not living on a farm. I am the mother of (little) children, and their department seems so good that I think a fitting answer to the question. "What shall we do with our boys?" would be, subscribe for Home and Farm and interest them, and refresh our own memories by helping them hunt up answers to the History and Bible questions. I would like to ask the woman who wrote the article entitled, "What Experience Teachers," is it not possible that "John" was spoiled before he fell into your hands? And are not other mothers spoiling "Johns" wives of the future by not teaching them to be more seif-helpful? Louisa in the improvement of wild grasses-M. Alcott, in her book, "Little Men." among the other things which she thought a boy should learn, says: "A boy should learn to get ready for a journey without the united efforts of mother and sisters; to wash dishes and make his bed when necessary; to sew on buttons and darn a stocking." How many of us are teaching our boys these thinks? I know families which consist largely of boys, where the mothers perform all these offices without ever once thinking it possible for them to help her in what has always work. In these families every Monday is a veritable .. blue Monday.' The mothers have all the Sunday garments to brush up and put away, the Sunday school lesson leaves, songbooks, etc., to gather up and arrange in their proper places. The probability is that these boys will be men some day and will share homes with some one, and then we shall listen for the question, "Did I spoil John?" "-Mrs. Maggie Orr, in Louisville Home and Farm.

Genial R. J. McCahon, who attended Elliott's Business College, Burlington, Ia., is now cashier of the State Bank at Lockport, Ill.

BEAR in mind that on warm days a horse's body presents a great surface to the direct rays of the sun. If possible, there should be a relief team during the hot months, allowing each team half a day's work. If this pian cannot be adapted, the work should be done very early in the morning and until late in the evening, allowing an interval of several hours during the heat of the day.

It's the shoe man who enjoys meeting people who put their foot in it.

The pugilist is a very close-fisted person Dr. Juda's Electric Belts are sold on six months trial. Judd Electric Co., Omaha.

Bile Beans Small

Positively cure Sick-headache, Constipation, Biliousness, Liver Complaint, Colds and General debility. 40 to the bottle. Sugar coated. Easy to take. Do not gripe nor sicken the stomach. Sold by druggists. Price 25c. Reliable and economical. Sample dose free.

Y. F. Smith & Co., 255 Greenwich St., N. Y.



these Little Pills.
They also relieve Distress from Dyspepsis, Indigestion and TooHearty Eating. A perfect remedy for Dizziness, Nauses Drowsiness, Bad Taste in the Mouth, Coated Tongue, Pain in the Side TORPID LIVER. They regulate the Bowels Purely Vegetable.

Price 25 Cents:

CARTER MEDICINE CO., NEW YORK. Small Pill, Small Dose, Small Price

Young Mothers

which Insures Safety to Life of Mother and Child.

"MOTHER'S FRIEND"

Robe Confinement of its Pain, Horror and Bisk.

After using one bottle of "Mother's Friend" tuffered but little pain, and did not experience the weakness afterward usual in such cases.—Mr. ANNIE GAGE, Lamar, Mo., Jan. 15th, 1891. Sent by express, charges prepaid, on receipt of ice, \$1.50 per bottle, Book to Mothers mailed free BRADFIELD REGULATOR CO., ATLANTA, GA. BOLD BY ALL DRUGGISTS.

THE NICK

Of time comes Dutcher's Fly Killer. Sure death to flies, destroys their eggs, prevents reproduction and rids the house of the pests. Get Dutcher's and secure best results.

Fredk. Dutcher Drug Co., St. Albans. Vt.



ture with ease under all circumstances. Perfect Adjustment. Comfort and Cure. New Patented Improvements. Illustrated catalogue and rules for self-measurement sent securely sealed. G. V. HOUSE. MFG. CO., 744 Brosdway, New York City.

CURE FITS!

my infallible remedy. Give Express and Post office, H. G. ROOT, M. C., 183 Pearl St., N. Y.

FOR SUMMER COMPLAINTS PERRY DAVIS' PAIN-KILLER BEST MEDICINE IN THE WORLD.

Patents! Pensions Send for Inventor's Guide or How to Obtain a Patent. Send for Digest of PENSION and BOUNTY LAWS. PATRIC: O'FARRELL, - WASHINGTON, D. C.

SOME FARMING MATTERS.

USEFUL INFORMATION ABOUT FARM, FIELD AND GARDEN.

Taming Wild Grasses -- Sex of Poultry at Will Making Timothy Hay--One Hundred Per Cent Pro-

Taming Wild Grasses. A subject of no small importance is broached by Professor Charles E. Bessey, of the Nebraska Experiment Station, in a recent article in the American Agriculturist. He suggests that it is by no means likely that we have reached the limit of possibility taming them, as all the cultivated grasses now known have been tamed, by selection, cultivation, adoption to soils, etc,

He reminds us that it is not very long ago that timothy, red-top, orchard grass and Kentucky blue grass were in a wild state. The first named in fact, came into vogue only about a hundred and thirty years ago, and the others have been scarcely more than a century under cultivation. been considered girls' and mothers' The same is true of the grains, although the date of their "taming" is of course, much more romantic. De Candolle thinks the native habitat of the wheat plant has been discovered, and Indian corn once grew wild, whether in Asia or America is a point on which authorities differ.

It is therefore a very reasonable suggestion that what has been done may be done again in the way of redeeming wild grasses from their sav-age state and making them more subservient to the use of man than they now are. Prof. Bessey has done well to call attention to the subject, and to point out the method of experimenting with wild grasses so as most directly to reach the desired result.

The points of most importance to be kept in mind when making these experiments are as follows: First, be sure that the species is adapted to the locality in which it is intended to be grown; second, find out by experiment whether it is a variety that be eaten with relish by even a well-fed beast; third, it should be determined whether it is capable of being successfully grown under cultivation, and finally, whether it can be easily propagated.

If these points can be so determined as to indicate that the plant is worthy of further trial, its nutritive value may be ascertained by chemical analysis, and the process of improvement may be entered upon with a good basis for hope that a useful plant will be developed. The process of improvement consists simply in the selection of seeds from the best specimens growing wild, subjecting them to the most favorable conditions of growth, selecting seeds again from the best specimens, and so on for a number of years, until satisfactory development of plant and seed has been attained. The process may be hastened by high cultivation and by the choice of a good strong soil the experimental plantation.

This is a fascinating as well as useful undertaking, for what could more surely awaken the interest stimulate the curiosity of a bright-minded, intelligent farmer than to watch the progress of these wild denizens of meadow and plain toward a higher and more useful life, under the tuition of his own mind and hand. And he would have before him also the noble stimulus of being recognized, should he succeed, as a benefactor of mankind; for if he is one who causes two blades of grass to grow where one grew before, surely the discoverer of a new and useful variety is entitled to equal if not greater honor.

Without attempting to suggest particular species of wild grasses for experiment in any locality, Prof. Bessey mentions a few of which trial might be make, such as switch grass-Panicum virgatum L.-big blue stem-Audropogon provincialis Lam.-bushy blue stem-Audropogon nutans L.-mountain timothy—Alopecurus prateusis
L., wild ribbon grass—Phalaris arundinacea L.,—Muhlenberg's grass—
Muhlenberga glomerta Trin.,—large
bent grass—Agrostis grandis Trin., wild June grass-Kœleria cristata Pers.,-Buffalo bunch grass-Fescuta scabrella Torr,-and wheat grass-

Agropyrum glaucum R. and S. Why should not many farmers, and farmers' sons and daughters, interest themselves in this scheme of enlarging the page of useful grasses? If they ailed in securing the main object, they would at least get a vast deal of pleasure out of the endeavor, and much useful information.

One Hundred Per Cent Profit.

Our sheep business dates back farther than I can remember. Its origin on the mother's side was three superlative native ewes, that sheared 21/2 pounds of wool each. We have never bought an ewe since, but have sold probably upward of 2,000 sheep, all our own production, and our stock in trade today numbers 475 all told. A year ago last May we sheared 300 sheep, last May 430, so that our flock for the year averaged about 400, from which our books show a direct income of \$1,700, besides the surplus numbers we have on hand over our averaged numbered flock, and improvement over the original stock with an average of 2½ pounds of wool per head, to an average for the 430

last May of 10% pounds per head. Then in conclusion. Why do we keep sheep? Certainly not because we have no experience with other lines of stock, as we are continuous producers of sheep, hogs; cattle and grain. And they prove mest remunerative to

us, all things considered, in the order

The dairy business, though disagree ably confining, seems to be overdone, especially in the production of bitter, solid rubbery, and indigestible cheese. While for the near future of the beel question we are with everybody else, hopeful. Still the discouragements of the present and the near past need no mention. Of the grain fed to the hog, the fewest fertilizing elements ever get back to the land irom whence they came, while the living of our sheep costs us the least, they do the most toward keeping the farm clear of foul weeds, tax the soil least that feeds them and strengthens it most, are the least confining to attend; cause us the least trouble, are the most quiet, contented and easily handled; keep the ing purse .- W. L. Ames, in Wisconsin

Making Timothy Hay,

ground had been sown to timothy, in binding the grass into bundles it cured out and made hay. It cured cut in siices. perfectly green, in short, was perfectly cured hay. This observation induced us to try the binder in the general work in making timothy or

We set the binder to cut a stubble four inches high. The advantage gainthat the ground is not left so bare as cover the ground and protect the roots of grass. We use three horses with the bundle carrier, with one man to drive and one to shock, and can put up a great amount of hay perlectly secure in one day, putting nine sheaves in a shock, or eight sheaves

and one cap.

As we go along I wish to mention my mistakes also. Last year we were in too much of a hurry and put in three loads before it was cured. We hauled it in as soon as you would hay cured in swath. The consequence was, three loads of spoiled hay. The correct way is to let it remain in shock until thoroughly cured, something like wheat or oats, just so it does not kill the grass where the shocks stand. Hay put up this way the rains will not damage and the butts of the sheaves will be perfectly bright. The advantages gained so far are: A small number of hands, more rapid work; one load of the same bulk, binder-cut, will make twice the number of pounds of hay cut the old way; the sam . advantage is also gained in the barn room; a barn filled with binder-cut hay will hold twice the number of lbs. as hay made in the old way, provided the sheaves are laid as we would lay sheaves of wheat in stack.

I wish to note here that the sheaves want to be bound well toward the butt, for in handling the hay is in clined to crawl out of the band it bound otherwise. The sheaves bound ordinary size weigh seven pounds each, making it easy to feed an equal amount at each feed.—A. S. Frosman in Ohio Farmer.

Sex of Poultry at Will.

Can the sex of poultry be controlled? We have the assurances of one of our advertisers that the sex of animals is at the will of man, but long and care. ful study of egg markings and other experiments have so far developed no correct guide for producing the required sex in poultry. Approximate results, however, seem now to be obtained in this direction by B. F. Roberts of Leighton, Cal. His rule, evolved by repeated tests, is that "the most vigorous of the parents will control the sex and mark it the opposite of its own." That is a male in full maturity and vigor will produce female offspring when crossed on fe-males of less vigor, and vice versa. Of course invariable results should not be expected, but when a large per cent of the chicks are the desired sex the end is practically achieved. Mr. Roberts says in the California Orchard

"My matings this season were made with a view to the production of as many pullets as possible. My cocks are therefore fully matured and mated with my most promising pullets. The result, thus far, has been a success, fully 75 per cent of my hatch being pullets. If I should desire cockerels I would mate an 8 or 9 months old cockerel with 2 or 3 year old hens; or, if I desired an equal distribution of the sexes I would endeavor to have the parents as nearly equal as possi-ble. The latter result will be acknowledged as the experience of those who allow their chickens of both sexes to run together the year round."

Farming Notes.

Ducks are somewhat hardier and much easier to raise than chickens, and usually pay well.

It costs less to run an incubator than to bed the hens required to hatch an equal number of chicks.

Few men have the knack to handle more than a hundred fowls and care for them properly. The incubator has passed the ex-

perimental stage and is now in use by practical men all over the coun-Manure from the poultry house, composted with a double bulk of loam makes a better corn fertilizer

than any you can buy. The heavy hauling trade of the city wants draft horsesexc usively, but on a large farm in the west horses with some go in them are also necessary. The borse breeder must carefully select his market before he goes into the business.

People ought to feel hungry, and when they feel hungry they ought to have good diges-tions. But, alas! they don't - frequently. That plague alike of the just and of the unjust; of the abstemious and the glution; of youth, middle age and life's confine—the protean imp. dyspepsia-exacts dire penalties for appetite's appeasement in the shape of heartburn, wind on and uncomfortable distension of the stom-ach, and general disturbance in the gastric region. Dyspepsia is very generally accompanied by biliousness, irregularity of the bowels, insomnia and nervousness, for each and all of which, as well as their cause, Hostetter's Stomach Bitters is the nation's chosen remedy, Malarial, rheumatic and kidney troubles, lack of strength and flesh, and failure of appetite and the power to rest transplity are size over and the power to rest tranquilly, are also over-come by the Bitters.

A no.1 d unnover. Make a crust of one quart of flour.

three teaspoonfuls of baking powder, farm in the best producing condition, a small spoonful of salt two table and the dollars that come to us spoonfuls of busier and sweet milk through them, come the easiest of any enough to make a dough to roll. Roll that find their way into our languish the crust a quarter of an inch thick, on an oblong sheet and spread with fruit; one quart of chopped apples, canned fruit, jam. preserves, marmal ades or fresh fruit in its season. Sprin-In my observations in the past, on kle well with sugar and roll up. Lap the farm, I noticed that where the the end over like the flap of a pocket. wheat had been frozen out and the book, pinch the ends firmly together. Put in a bag similar in shape, but larger; then boil for one hour and a half. Serve hot with cream and sugar,

A. M. PRIEST, Druggist, Shelbyville, Ind., says: "Hall's Catarrh Cure gives the best of satisfaction. Can get plenty of testimonials, as if cures everyone who takes it." Druggists sell it, 75c.

Useful Hints.

That you can make your own hand grenades, to be used in case of fire, by ed in cutting the stubble this hight, is filling old quart bottles with the following: Chloride of lime, crude, 20 to be burnt with hot summer sun and parts; common sait, five parts; water. the after-growth will start sooner and the after-growth will start sooner and pumps may keep this solution handy and throw it with the pump.

That you can clean your brass kettle with a solution of oxolic acid in water? Apply with flannel, wash off and polish with chamois skin.

That if you drop acid on your clothes, the immediate application of ammonia will destroy the effect.

That you can keep butter and milk fresh a long time in warm weather without ice, wrapping a large porous pot in a wet cloth and inverting it over the butter or milk. The external evaporation cools the interior.

That you can make your own whitewine vinegar by adding five gallons of rain water to 10 pounds of mashed raisins and letting it stand in a warm place for a month?

That citric acid will remove ink stains?

"Bon't Tobacco spit Your Life Away!" Is the startling, truthful title of a little book just received, telling all about Noto-bac, the wonderful, harmless, economical, guaranteed cure for the topacco habit in evgrafanced care for the to-sace habit in ev-ery form. Tobacco users who want to quit and can't, by mentioning this paper, can get the book mailed free. Address. THE STERLING REMEDY CO., Box 291, Indiana Mineral Springs, Ind.

In a recent battle in Moroco 300 of the

Bryant's Home College, Buffalo, N. Y. gives a full business college course by mail, at student's home. Low rates and free trial lessons.

Only one couple in 11,500 live to cele trate their golden wedding. "Hanson's Mngle Corn Salve."
Warranted to cure, or money refunded. Asi
your druggist for it. Price 15 cents.

Idaho is the only state whose name havever been satisfactorily accounted for.

Mrs. Winslow's Southing Syrup, for Children teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 25c. a bottle. Mercury had wings on his heels. He must have had sore feet.

The Only One Ever Printed-Can You Find the Word?

There is a 3-inch display advertisement in this paper this week which has no two words alike except one word. The same is true of each new one appearing each week, from the Dr. Harter Medicine Co. This house places a "Crescent" on everything they make and publish. Look for it, send them the name of the word, and they will return you Book, Brautiful Lithographs or Samples Free.

A single swallow, according to an authority, can devour 6,000 fles in a day.

Health Tid-Wits save weak, nervous men. \$1 Trial 10c. Onio Chemical Co., Cincinnati, Ohio In the hearts of maidens fair it is the win ning boat's crew toat has the pull.

THE GOOD WILL AND SUBSCRIPTION LIST of a 16-page Agricultural Weekly, es-tablished in 1884; published in a flourishing Western city, situated in a rich agricultural state. Will be sold at a sacrifice. A splen-did opportunity to secure an established ag-ricultural weekly. Address F. A. Smith, 88 W. Jackson St., Chicago, Ill.

The lady and the borsewhip form one of the most striking combinations of the times.

The human system needs continuous and careful attention to rid itself of its impuri-ties. Feechman's Pills will cure.

Memory of the past is the only paradise out of we cannot be driven.

Cheap Homes for the Millions. In order to meet the constantly growing demands which come from every quarter of the North, East and West, for reduced rates, to enable the farmer, the emigrant and the capitalist to visit the Southwest, particularly Texas, the Missouri, Kansas & Texas Railway have determined to sell tickets on August 30th, September 27th and October 25th, from all points in the North, East and West, to all points on its main line in Missouri and Kansas, south of Clinton, Mo., and all points in the State of Texas, at the extremely low rate of one fare for theround trip, good to return 20 days from date of sale.

The reports which come from Texas of the prodigious prospective yields in the crops for the present season, as well as those for for the present season, as well as those for several previous years, together with the severity of the winters in the Northern and Western States for several years past, will induce many to locate on the sun kissed prairies of this favored land during the coming fall. Now is your opportunity. Grasp it while it is yet within your reach. For further information as to routes, rates, maps, time-tables, etc., call on or address E. D. Spencer, Traveling Passenger Agent, Room 12, Rookery Bidg., Chicago; E. B. Parker, Ass't Gen. Pass. Agent, 505 Chestnut St., St. Louis, Mo; Walter G. go; E. B. Parker, Ass't Gen. Pass. Agent, 505 Chestnut St., St. Louis, Mo; Walter G. Graham, General Ticket Agent. Parsons, Kansas.

Friendship is the wine of existence; love, the dram-drinking.

Dr. Judd's Electric Belts are sold on six months trial. Judd Electric Co., Omaha.

CASH FOR

Publishing Company will pay the following

For the FIRST correct answer to ALL of the entire Ten words, \$5 For the SECOND correct answer to ALL of the entire Ten words, \$3,00 For the THIRD correct answer to ALL of the entire Ten words, \$2,00 Here are the Ten Word-Riddles—Can You Solve Any of Them '

B-rn---ea-ty A CHARMING QUALITY WHEN POSSESSED WOMEN, THAT ATTRACTS THE ADMINATION AS OFTEN WINS THE LOVE OF MEN. В1---е SERVED TO DEFEAT JAMES G. DLAINE FOR THE -ol---THAT WHICH YOU CAN RECURE TO THE AMOU 6 - P-88 THAT WHICH WOMEN KNOW HOW TO WEAR 7 -i-ht 8 -ar-i--n

10 Qu-e-Vic--

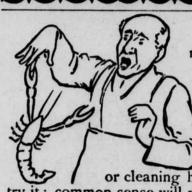
REWARDS paid in cash the VERY DAY

20 in Cash; you are not confined to any per cular word—any one of the entire ter vering you a \$20 cash reward—while if you right enough to solve more than one your rewill be increased in proportion from \$50 cash. Also remember that you do not have to

9 -ict--e

The Only Condition.

Hon. J. F. KELLY, Treas., 214 Washington Jersey City, N.



It Hurts

nothing that can be washed cleaned-Pearline. The pur soap is no safer-the poor soap is no cheaper. It is n effective than the stronge it is more convenient than best. Pearline saves la and wear in washing clo or cleaning house. A few cents will let

try it; common sense will make you use it. Beware "Peddlers and some unscrupulous grocers will tell "this is as good as" or "the same as Pearline." FALSE—Pearline is never peddled, if your grocer poddled, if your grocer peddled, if your groc

IT IS A DUTY you owe yourself and family to get the best value for your money. Economize by your chasing W. L. Douglas Shoes, which represent the best value for prices naked, as thousands will testify.

\$3 SHOE GENTLEM

THE BEST SHOE IN THE WORLD FOR THE MO A genuine sewed shee, that will not rip, fine calf, so mooth inside, flexible, more comfortable, stylish and dural ny other shoe ever sold at the price. Equals custom made any other shoe ever sold at the price. Equals custom made costing from \$4 to \$5.

4 and \$5 Hand-sewed, fine calf shoes. The most stylish easy and durable shoes ever sold at these prices. They equal fine imported shoes costing from \$5 to \$12.

53 50 Police Shoe, worn by farmers and all others who was a summer of the price of the money than any other make. They walk in, and will keep the feet dry and warm.

52 50 Fine Calf, \$2.25 and \$2 Workingmen's Shoes, easy to walk in, and will keep the feet dry and warm.

52 ** will give more wear for the money than any other make. They are made for service. The increasing sales show that workingmen have found this out.

BOYS' \$2 and Youths' \$1.75 School Shoes are made of the best Donglor of the standard of the prices.

LADIES' \$3 Hand-Sewed, \$2.50, \$9 and \$1.75 School Shoes costing from \$4 to \$6. Ladies who wish to economize in their footwear are finding this out.

CAUTION.—Beware of dealers substituting shoes without when the shoes costing from \$4 to \$6. Ladies who wish to economize in their footwear are of dealers substituting shoes without when the shoes costing from \$4 to \$6. Ladies who wish to economize in their footwear are of dealers substituting shoes without when the shoes costing from \$4 to \$6. Ladies who wish to economize in their footwear are of dealers and subset to prosecution the shoes costing from \$4 to \$6. Ladies who wish to economize in their footwear are of dealers and subset to prosecution the shoes costing from \$6 to \$6. Ladies who wish to economize in their footwear are of dealers and subset to prosecution the shoes costing from \$6 to \$6. Ladies who wish to economize in their footwear are of dealers and width the shoes costing from \$6 to \$6

WELL MACHINERY. Illustrated catalogue showing Well Augers, Rock Drills, Hydraulic and Jetting Machinery, Wind Mills, etc., BENT FREE. Have been tested and all warranted. THE PECH MFC. CO.
Stoux City, Iowa.



W. N. U. Omaha - 631--31

ESI Brown's French Boots and Shoes.

Consumptives and people who have weak lungs or Asthma, should use Piso's Cure for Consumption. It has cured thousands. It has not injured one. It is not bad to take. It is the best cough syrup. Sold everywhere. 25c. CONSUMPTION