Starting Alfalfa.

to alfalfa the Ontario experiment sta-

and strong in germinating power. In-

oculate the seed with the proper kind

of bacteria, providing alfalfa has not

about twenty pounds of alfalfa seed

per acre from the grass seed box placed

one bushel of spring wheat or of barley

per acre from the tubes of the drill.

Smooth the land with a light harrow

or with a weeder, and if it is very

loose and rather dry also roll it and

rain. Never cut or pasture alfalfa sufficiently close to the ground to re-

move the crowns of the roots and thus

injure or possibly kill the plants. If

these directions are followed the al-

falfa may be expected to produce large

and valuable crops for a number of

Getting Most Out of Farm.

go to work at most anything. One man

It is that way with farming. There are

men who seem to think that if they can

skin the farm down to the very quick

every year they are making the most

the most out of the farm. What is?

ing as well as taking, every year.

is ready to do all that he can to in-

other one, but he will have the respect

Some Separator Conclusions.

hand separator has made possible

marvelous growth in the dairy indus-

try. It has extended the butter pro-

ducing territory from the one hun-

dredth meridian to the Pacific Coast.

west and has dipped down into the

Where cream is shipped in large

In conclusion, let me say that the

The man who does these things may

sure good government

spect.-Kansas City Journal.

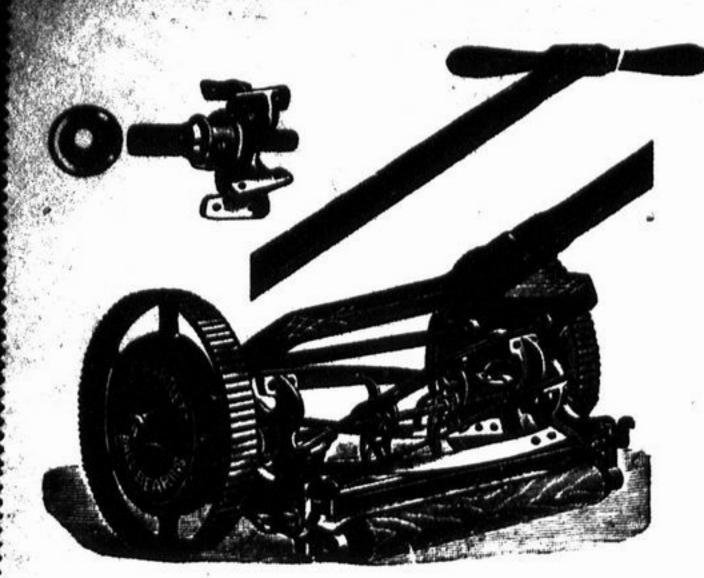
There are different views of how to

years without reseeding.

out of farming.

In the matter of laying down a field

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nery. With the handicap of mortgaged farm and his own ignorance, he will simply drop out of the procession and become the successful farmer's hired A high selling price does not lessen

man .- Outing.

recent years.

the winter.

the cost of production. The manurial value of foods corresponds to their nutritive value.

California raised a large potato crop tion gives the following suggestions: in 1907, many farmers clearing from | Select land having a clean, mellow, fer-\$250 to \$300 per acre.

Stock-proof, time-wearing fences are the only kind. The worry they save h sufficient to make them well worth

The hen is a faithful advocate of advertising. If you don't believe it plan to be in the vicinity of the hen house about 9:30 a. m.

In a test at the Kansas experiment station it has been demonstrated that alfalfa and Kaffir corn meal make the very best ration for the dairy cow.

The 500-pound fat hog is getting to be quite unsalable at the market. He is big in more ways than one. The local buyer will take him only on a blg margin.

The man who keeps his troubles to the weeder. As soon as ripe cut the himself is better thought of than he grain and avoid leaving it on the land who burdens his neighbors with them. The neighbors have their own troubles plants every opportunity to get a good to think about.

> Five unemployed men of Monessan, Pa., recently left with their families for Portland, Tenn., where they will begin farming on the community plan. Other families are preparing to do the same thing.

It's like trying to break an old horse to new tricks to teach an old farmer after a lifelong use of ink and graphite, how to wag his hands properly over a typewriter to produce legible results. Some farmers are trying the trick.

to Cody, Basin, Worland and other points Any man can afford to go to extra in the famous Big Horn expense to get his corn land plowed early so as to give the weeds an opportunity to grow and in turn get them destroyed just before planting. Nothing | looks at it one way, another another, will beat the disk as a weed destroyer.

> Every man has his own way of raising hogs, but one of the worst ways is to allow a big bunch of sows to run together when the pigs are young. This results in so much stealing that the pigs are runted and it is hard on the old

feelings of regret that arise within the farmer who makes a test of his seed corn after it is shelled and finds that only 60 per cent of it will grow must be experienced in order to be understood. Words fail to describe

The matured mind is slow to grasp new ideas. It is in the youthful mind that the seeds of reform along any line can be best planted. It is for this reason that the work of our agricultural college extension departments in the common schools will bear such superfor results over that done in the short courses and institutes. If the present generation of coming farmers in properly grounded is the principles of good farming, the change which will take place for improvement will hard to imagine.

The coal tar treatment of seed corn | the care and keeping of his land and it. The method of application is given as follows: Take a convenient sized box of other vessel, in which place peck or one-half bushel of corn at a this. If stirred thoroughly it will take very little tar. The grains do not need to be completely blackened, but even if this is done it will not injure the seed. After stirring in the tar completely a little dry ashes or dirt can be stirred in to prevent sticking of the grains if necessary. Crows or even hoga will not disturb corn that has been thus treated.

Worms as Planters. Many readers may recall the surprise they felt on reading Darwin's book on marketing of dairy products in regions eralist had lent an irresistible charm by whole-milk system dairying. It has to so apparently unpromising a subthey the tree-planters also. They draw their burrows, and such seeds, in disthe worm holes, and grow into seedlings, which, under favoring conditions. may become flourishing trees.

Fate of the Unprogressive Farmer. The agricultural colleges are reachmg 50,000 homes a year, the federal lecture courses a million people a year. What will the effect be in a generation or two? It is disappointing to ly adopting scientific methods. One of the richest men in the West to-day is putting his daughter through the full four-year agricultural course that foremost physician of Chicago, who has found in a small town and would pro- remember. fust bought a 75,000-acre farm in vide a more skilled man at better pay Mexico, is having his boy take not and housed in a building constructed only the four year university course, for caring for cream. A. L. Haecker, out a two years' post-graduate as well. head of the Dairy Department, Uni-What will happen to the old-line versity of Nebrank

The following is furnished by the Farm Journal, Philadelphia, Pa.:

THE POULTRY YARD.

The deadly louse is at work.

Do not expect the stock to thrive without any green food. June is a hot month; do not neglect

the supply of fresh water. Look out for rats. Do not allow

them to have any hiding places near Cut down the quantity of heating

food in the ration, such as corn, and feed plenty of green stuff. If you give your hens plenty of mixed feed, so arranged that they can sort it

over, they will balance their own ratile surface soil overlying a deeply Placing slatted racks over the water drained subsoil having no acidity. Use troughs is a good way to keep the fes-

large plump seed free from impurities tive ducks from wasting their drinking Put everything drinkable into shalbeen grown successfully on the land in low vessels. Fix it so that the chicks

can drink and still not get their feet into the water or milk. As early in the spring as the land is dry enough and warm enough to be Don't be afraid to give the chicks all worked to good advantage make a suitthe sour milk they will eat. Good for able seed bed and immediately sow

them. If there is anything better l

have never found it. Are your chicks bothered with gapes? in front of the grain drill and about Well, spade up a portion of the yards each morning and induce the chicks to burrow in the freshly turned earth,

again go over it with the harrow or Now is the time when the roosts of most hen houses are more or less alive with the terrible little mites. In kerolonger than necessary. Give the alfalfa sene wé have a cheap and never-failing remedy. Soak the roosts with it from start in the autumn in preparation for time to time; or, still better, spray it all over the inside of the building. If for hay, cut each crop of alfalfa reaching every crack and crevice. It in the following year as soon as it kills wherever it touches, and the treatstarts to bloom. In curing try to rement will save much suffering to the tain as many of the leaves on the stems as possible, to protect the crop from poor fowls, and money for the owner.

THE SCIENTIST HELPING THE FARMER.

Sees the True Way of Agricultural

They have taken hold of the arm of the scientist and are studying along with him. The scientist is the only man on earth who demonstrates; therefore he is the only man who knows absolutely what he is talking about. Nature works by law, and you can rely upon that law.

NEVER SATISFIED WITHOUT THE "WHY."

It is the business of the scientist These men think more of the money to teach us "why." Nobody has ever they get than anything else in the been satisfied until he has learned why world. Money is their supreme object in life. For that they work themselves and nobody ever does very good work and their horses and their hands from at a business until he has leached the daylight till dark. For that they will why. Why! And here we have in scrimp themselves and their families Illinois a great agricultural departtill they have little of the real man- ment made possible by the national bood left in them, for it is a fact that government, sustained and supported such narrow living stunts all the bet- with marvelous loyalty by our State ter elements of one's nature. They die authorities, to teach us why. Any man at last, leaving a good bank account, in Illinois can learn what his soil lacks but that is all they leave, and the world to restore it to its original fertility. soon forgets them. That is not getting It won't cost him anything to do it, Now is not that worth doing? The man who gets the most out of

A NEW PAGE IN HISTORY.

the farm is the one who makes not There is no country on earth where simply a fortune out of it, but makes the hand of man has tilled the soil long a life. He works for that day that is and continuously that he has not ruincoming, as well as for the day that ed it. And if we here in America now is. His aspiration is to leave the shall teach the world how to use the farm a little better than he found it. land without abusing it we will have This he can do by a system of thor written a new page in history. We ough farming, by means of which he will have made ourselves a name that maintains the fertility of the soil, giv will live forever, not only as agriculturists, but in the history of the progress of the world. Why not do it? fittle ones, just as much as he thinks of

I tell you we are just playing with the business of farming; we have not begun to do business yet; we don't welfare of the people about him and know what a heritage we have here It is the youth of the land that must make this development. The professor is on the right track; teach it to the not lay up quite as much money as the children! Teach it to the children That is where the power of the nation resides: the schools of Illinois will make the thing go. Sooner or later we will get these great subjects drilled into the children of the day.-Judge J Otis Humphrey, of Springfield, addressing the Illinois Farmers' Insti-

DITCHING THAT EDUCATES.

Over at Champaign there is an Irish It has reached up into the Far Northditch digger. He digs ditches so well that the farmers pay him two prices Southwest. It has made possible the for his work, and what a farmer pays two prices for is pretty good stuff. He which would never have been reached is an old man and does not need to work. When asked why he still digs stimulated and encouraged the intro- ditches, he said, "I can't find any man duction of improved dairy breeds and who will dig to suit me. There is more spect they had never previously felt it has brought to thousands of farmers in digging ditches than just throwing millions of dollars which it would have mud out of a hole." He was putting been impossible for them to accumulate in a tile and it did not lay just had it not been for the hand separator. straight. He took out the tile and The hand separator users are a vast scooped up a place so as to lay it in soil. According to E. A. Andrews, throng, and their influence should be perfect line. He was asked why he used to improve their position. They didn't let the tile go? He replied that the flat seeds of the silver maple into should insist, where their cream is the water might go through it in a marketed for butter making purposes, way, but that it would not go through tricts too dry for them to germinate that it be graded according to its qual- it right. "When I go home at night if left upon the surface, sprout from ity and tested for butter fat by ac and lie down on my bed I can see the curate methods. They should take an water running through every tile interest in all the operations that are ever laid, and if anything was wrong necessary to place this product on the I couldn't sleep good, so I lay them market to the best advantage. They right." That is a man whose work should give care to its assembling and has educated him. That man or womcare to its receiving. There are many an and only such has character, who opportunities open for co-operation; when he has anything to do, sets to

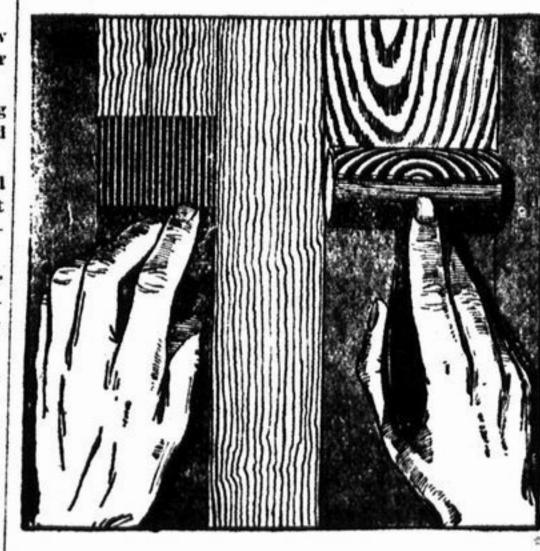
but co-operation can only be carried work at once to find out the laws by on where there is a desire on the part which the deed can be done and makes of all to work in harmony. This is the action correspond to the law just have to record that the old-line farmers possible where the right spirit exists, as closely as possible. Find out the are remaining practically untouched and it seems to me it is well worth right laws by which the deed can be by the new movement; but the new the trial. In the assembling, receiving perfectly done.—William Hawley Smith generation and the new West are quick- and grading there is a fair field for addressing the Illinois Farmers' Insti-

Tommy-That church over there is quantities from towns one man could receive, grade, test and ship all the 200 years old. Ethel-Why, grandma she may be able to manage the estate product. This would do away with says it's only 100. Tommy—Oh, I that will fall into her hands; and a the half dozen cream buyers often s'pose that's as far back as she can

> "Isn't your grandfather an octogenarian, Bobby?" asked the visitor. ma'am," replied the little fellow, "He's

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What a Boy Can Make for Sister. Have you a little sister? If so, would you like to make her a doll house? It is quite easy if you are handy with tools. Take two soap boxes of the same size and nail them together, placing them side by side. Divide one of the compartments into two sections by nailing a board horizontally across, half way between the top and bottom, thus making two rooms. Paper the lower room with some dainty "left-over" wall paper for the parlor, and the room above, if papered in some rich shade of green or red, will make cheerful sitting room or library.

Divide the other box into four equal parts by nailing flat boards horizontally and perpendicularly through the centers. The two lower parts for the kitchen and dining room should be furnished and papered accordingly and the upper floor should be the bedroom

and bathroom. nice. I saw a doll house built by a all about heaven before you forget it."

boy of 12, says a writer in the Philadelphia Ledger. It had a slanting roof, painted green, with a well-made chimney on one side. Outside the library window was a baywindow, and the three lower rooms had a porch

The whole front was an exact imitation of a house, with windows and doors complete, and it worked on hinges so that its little mistress could swing it open and play with the things inside. The entire outer surface was covered with brick paper, and it was a credit to the builder when it was complete, and a joy to the happy little girl who received it on her eighth birth-

One day last winter little Eloise was looking at a fall of unusually large srowfiakes. "Oh, mamma! she excaimed, "Look at the popped rain coming down!"

Little Elmer, upon seeing his baby This is merely the skeleton house, sister for the first time, was told that but there are many pref y touches you she had just arrived from heaven. can add if you want to make it extra "Hurry up, baby," he said, "and tell us