The Grange Visitor

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Invaluable in Advance.

J. T. COBB, Manager.

To whom all communications should be addressed, at Schoolcraft, Mich.

Advertisements of three months or more.

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THE GRANGE VISITOR, rate of $2.00 per square, for each insertion.

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Special Lecturers.

Thad. F. Moore, Addison.

Under existing regulations we are required to send a copy of the Visiot to every member of the Grand, and to all Secretaries of Granges, and to our names or societies for one year, with pay for the same.

Relation of Crops.

By Dr. G. W. CHURCHER, of Hillsdale.

The subject assigned me,—"The Rotation of Crops, in Farming," is not a primary idea in agriculture, but is rather a necessity developed upon him who would be a successful cultivator, and is the result of long continued experiment and uniform human experience.

In the soil, and on the continent of Europe, it has long been understood among that class who own the soil and employ the "sweat of the brow" of other men, and not by their own personal labor, that success in husbandry may depend upon giving to the soil in some form what is annually taken away in cultivated crops. In this respect, in the older States more particularly, the same great fundamental truth, in all successful farming, is admitted.

The census tables show that the wheat crop of New York, in some counties, has fallen below as low as eight or seven bushels to the acre where formerly from thirty to fifty bushels were produced. So once absolutely inexhaustible, have been cropped almost to the ground. The State of Virginia and Maryland, formerly as productive probably as any found on this continent, by a course of culture not guided by a correct knowledge of the science of husbandry, have come to be altogether unproductive, and have been abandoned by the original cultivators. A succession of tobacco crops, by shallow and unproductive, once absolutely inexhaustible, have been cropped almost to the ground. The desire to secure immediate returns induces superficial culture, and so impoverishes that land which should be firmly held to a systematic course of ever increasing rotation of crops. Do you ask me, how this may be done. So far as the limits of the subject assign me permit me to re-iterate a proper rotation of crops. But it is plain to be seen, that any system of rotation, practiced upon a poorly exhausted soil, will fail to prove a remedy. Our farms may be rotated to a lower level than those on the same kind of soil may ever attain. Our farms are as productive to-day as they were twenty-five years ago. How is this to be accounted for, except by the results of his experience on his old farms. A man of industry and ordinary intelligence, in a course of years on the same land, under the same kind and variety of soil, comes to know how to handle that farm so as he can yield the utmost returns on his chemical constituents. Hence no certain and invariable formula, for the rotation of crops on one farm can be given that would be equally good on another; or, if given, would be available in a soil of a different kind and quality, and so suddenly changing from one kind to quite another, of the same soil, as is found in Mich. He may doubtless with advantage rotate his crop with another of the same kind on the same field; but the crop that should succeed; the absolutely best is that for the place and the situation, only the agricultural chemist, with his certain knowledge or the successful experimenter, with his probable knowledge, can fully determine.

Dr. Miles said that this question covered the whole ground of agricultural science. He said that absolute exhaustion of the soil was very rare indeed; that when the soil appeared to be exhaust-into a chemical analysis would show the elements necessary to plant life in abundance. He would arrange the rotation of crops so as to give thorough cultivation of the soil. He thought this order as good as any, and he would, in all cases, let the rotation of crops on one farm be an actual production of the soil, and the soil itself told him the same story before making his experiment. The exact place which a particular rotation of crops fills in successful agriculture, is the place which nourishes and preserves and produces what the soil itself has to give in abundance. The intelligent and prudent farmer keeps well in hand, and fully understands the nature and extent of his cash resources; not more so, however, than the equally prudent farmer who understands the qualities of his soil and what he can do with it, and what he can do not. According to his own soil, where the sun and sunshine and God’s blessing upon his labors he can produce—the crops that he can make the most of and in its probable amount. His knowledge may be purely scientific—gained by careful and repeated analysis of his soil; or, the result of actual practice on his own farm. It is easy to see that his crops may not be successful on another, and that a different kind of soil, and a different kind of climate, and a different kind of farming, and a different kind of man, are required to produce the same crops in different places. But to his knowledge, if he be limited to the results of his own soil, he must in the end be successful, for he has all the elements necessary to his success, and the soil in itself will always be the same.
take a large amount of elements in plant growth from the soil. He estimated that 22 per cent of the bill, and 45 per cent lower than the rates in the present law. The duties on some foreign wool, etc., which should be prohibitory, would be diminished 21 per cent from the present law, to 45 per cent from the present law.

It is also evident that a government order would find it quite as difficult to ascertain the price which imports come at, as it is for speculators to find out the amount of money and credits on the books, and to estimate the huge amount of speculators, hence the government as well as the people would be swamped. Some facts, in their effects, are great upon the market, for agricultural products, which will be presented for the basis of the government. In 1857, a very similar bill in the interest of free trade, was passed by Congress, and during the first four years of its operations there was 1,321,822 bushels of wheat, at an average price of 86.5 cts. per bushel, and 185,675,581 bushels of corn at an average price of 64 cts. per bushel.

The following are the rulings and decisions contained in the Digest recently revised and published by the National Grange: Preserve these numbers for future reference: 

CHAPTER VI.

1. The Ritual adopted by the National Grange shall be used in all Subordinate Lodges, and any other ritual except those of the Supreme Sect, the same shall be submitted to, and approved by the Grand Lodge.-% Col. 4th, art. 4th.

2. Subordinate or State Granges cannot create a new ritual.-% Dec. 37.

3. The present Ritual of our Order to any person who may apply for the sake of learning and give employment to both capital and labor. Farmers can no longer be deceived in the idea that markets are to be controlled by government and thus admit to the passage of the Tariff Bill without putting forth every effort to defeat it. Conventions should be called, and resolutions of condemnation to the odious measure passed.

Diet of Rules and Laws.

With this number closes the Laws and Rules of the National Grange. The next number will contain the laws of the Order for the coming year, to be followed with the rulings of the Master and Executive Committee of the State Grange.

Diet.

The wool growers' Convention at Kalamoos.

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The GRANGE VISITOR.

From Elmira Farmers Club, Discusion.

From W. A. Armstrong, Secretary Farmers Club.

We have a liberal, rich county, much districting is needed. Is there any member present who knows the above? and has been worked upon by the members of your Club? Respectfully yours,

J. M. STREEL.

C. B. TOMPKINS, effective a machine for dressing as I have ever seen made, some have been seen.-I present it to my father, who had a long life to make it, in some places such as four feet above the ground and in half feet. After doing the work an estimate of the cost was made, and it was only about ten cents a rod.

The implement was nothing more than a plow with narrow shares slant constructed and fastened to the beam with a forward projection to make them enter readily the hard earth in the ditch. The handles were made to adjust as the ditch deepened. A long whiffletree was used with a horse on each side of it. The plow passed four or five men were required to shovelf off the loose earth. The ditch may be going on and the proper depth was reached. If a flat stone was in the way it had to be dug out without a loxconsidering occurred, but it had to be taken out because it was an obstruction that the horse could not step over. The Ditcher is now made by Messrs. Ramsay & Armitage, Trumansburg, N. Y., who do not pretend to furnish further information.

Hodges, April 11, 1878.

W. A. Armstrong, Sec. Farmers Club.

There has been some discussion by your Club about raising corn and potatoes. I will give the Club a plan which may not be the best, as it suits me better than any I have tried. Corn and potatoes are constantly as fast as it is made, until the land has a good cover. I prefer to put it on my land as fast as it is made. In so doing I get the liquid with the solid. I plow the land afterwards, turn it over very frequently, but not flat; when plowed I hitch three horses to a double harrow. I push the driver's weight to the rear, and haground the row the way it is plowed then cross it, then hurdle it the same way as at first. On June I hurdle it twice, once each way, clean it of roots, stones or other obstructions, run sluff through the field two feet apart, from north to south if practicable, scatter in the furrow common corn at the rate of three bushes per acre, hurdle it in the same way it is furrowed, and roll with an iron roller. I have no trouble with weeds as the corn comes up quick and gets the weeds from there. The last of May the corn is fit to use, I commence cutting and bailing it to the barn, and feed to our hogs once a day. If it is good, I empty it twice a day. It is used while frost and do not cut it, as it is what the pigs like. The pigs will eat them around the tops of the strow. I feed it until winter, if I have any then. I cut it up and feed it to our hogs. When the corn is green I cut it and cure as hay. Feed once a day to my milk cows and do well. 6, W. W.

The Club approves the thoroughness of preparation with which Mr. Corwin gives the ground, and report observations of the feeding value of millet raised by his method, and the work will be accepted with pleasure.

May 1, Sherwood, Branch Co., Mich.
May 2, Bingham, Branch Co., Mich.
May 6, Cheetham's Corners, Branch Co., Mich.
May 7, Racine, Branch Co., Mich.
May 9, Wyman, Branch Co., Mich.
May 11, Redding, Wayne County, Mich.
May 14, North.
May 17, Bedford.
May 18, Caledonia, Kalamazoo Co., Mich.
May 19, South Haven, Van Buren Co., Mich.
May 21, Berrien Center, Berrien Co., Mich.

T. A. THOMPSON.

How the Farmers Are Swindled.

Never sign a note, the payment of which depends upon the performance of the payee, by some contract, even though the payee gives you such a contract.

Mr. Silecst comes around the neighborhood. He is a very gentlemanly man, who always speaks plain and never swindles you, unless you smoke, when he will treat you kindly. It is a very temperance man, he is a temperance man. He has found out all your characters and opinions, and knows just where to attack you. He is a very good, thing for you. He wants you to buy the right to sell his patent.

You may give your note for a year, and not succeed in selling a certain number, your note becomes void. You sign the note, and he gives you the contract.

Your machines don't come, but you feel safe, for the contract is

By-and-by you get a letter somewhat as follows:

DETROIT, June 15, 1877.

Mr. Talbot,

Dear Sir—I hold a note against you, given to Silliman & Co., for one hundred dollars, which was discounted April 1, 1877. Please call and settle.

Yours truly,

John Jones.

You call, armed with your contract, and show it to John Jones.

"Bora" says Jones, "Contract I haven't got anything to do with the contract. Here's your unconditional note, sir! I am a bona fide holder, and want my money.

And you have to pay it.—Law for the People.

The Way a Thing is Done is What Counts.

An old negro who was asked if in his experience prayer was ever answered, replied: "Well, sal and "prayer is an aim at some instants—'pends on what you ax for'. Just arter de same time a com' on and put it on de fire. Seemin' de' cullib bread, I 'served w'en ebben I pway de lod to see' one ondeck de ole man, was ne'er noticed to de part. hut when I pway dat be de ole man's head, de' cullid bread, de' ole man was 'tendered to be 'served sun up nex' mornin' dead sartin!"

Never condemn until both sides of a story have been heard.

Do not make all the appearance of getting up a silver spoon, to eating pie.
Bonds that are issued from this office on application are:
Blank Certificates of Representatives elected to the State Grange.
Blank Certificates of Membership in Pomona Granges.
Blank Certificates of Directors and Treasurers.
Blank Certificates of Applications for Certificates of Directors and Treasurers.
Blank Certificates of Applications for Certificates of Membership in Pomona Granges.
Blank Applications for Membership in Pomona Granges.
Blanks for Consolidation of Granges.
Blank Certificates of Election to County Secretaries for two or more quarters:
250, 288, 373, 446, 534, 537, 539, 571.
Secretaries for two or more quarters:
200 subscribers, which proves two things: that either the "Free Lunch," but pre-
A SHEEP-SHEARING FESTIVAL and Banquet will be held at the National Park, Kalamazoo, May 23d, opening at 10 o'clock A.M. The programme reads:
1st. Free entrance for everybody at the gate.
2d. Banquet.
3d. No charge for anything anywhere.
Filtered by a premium list and an elegant manner in which the vis-
to attend the Festival and participate in the arrangement, and ultimately dispose of the "Free Lunch." We may have an invitation that will in-
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3d. No charge for anything anywhere.
Since the appeal of the special com-
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To answer this, I start on the supposition that it means how to accumulate property; as money is only a measure or representative of wealth.

I have read in the Chronicles of an eminent Sage, "that the hand of the tiller makes the rich." This is true, in ages long past and gone, but I am afraid the opinion that it is still true, in the words of a wise man "there is nothing new under the sun," and indeed, "we are living in a world claiming as discovered methods and practices down to the ancients in centuries past."

I am an eminent Philosopher "that the true way to make money-catching-the certain way to keep the means of the poor is in the hands of the rich; and that, without industry and frugality nothing will do, and with them everything."

What we have not in our possession all the time you promised to return it. Then you will be men and not hide your faces at the approach of any creditor. It is useless for your agents to make you pay for this fine stuff, which may then be withdrawn, letting it remain as they please or charge it upon you. There is a difference of opinion among hedge-growers, but I am afraid if we do not plow, won't be settled by each farmer. I am afraid if our fields are not plowed.

The plant most generally used in this country for the purpose is the Madura clover. It is a native of India, and more southern climates, it is not only strong, but can be grown into a fence. A little intelligent labor will contribute to this result.

We have been searching for the secret of the hedge, and it is hard to find. It is a question whether we shall be able to put on a new coat of stone all his life. Away with expensive foibles, and we will not have much to show for it in the end. I am afraid if our fields are not plowed.
April Sunns.

The blessed April sunshine, doth quicken
the heart's desire, and in the pleasure
of its beams, the spirit is buoyant.

The days are lengthening, and fair
weather reigns, and every one's
heart is bright, and every one's
soul is happy.

The birds are singing, and the flowers
are blooming, and the world is
beautiful.

In the springs of life, the world is
beautiful.

The world is beautiful, and the
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In the spring, the world is beautiful.

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morning. You have then the whole afternoon to rest; or, perchance, your husband may be going to market this morning, and you can have a very pleasant morning, if you have any fancy stock, or to the neighboring town. The baby, of course, then by the time he is ready and drives up, you will have time to get your dinner ready, if not invited, never mind, just step out in a minute and get your dinner, and imagining he has given you the most con- dent, you may have a very pleasant time, and will enjoy your company as well.

An Evergreen, Fruitful Tree.—Symbolical of the Hard-Winning Nature

This tree is not of spontaneous growth, like the forest evergreens, for the seed was transplanted from Connecticut, D. O. Kiley, Dec. 4th, 1867, in Washington. When the time was, I only a slender stalk, and very often to cherish its maturing and becoming a tree or branch, the State Granges; the main bone of the National Grange; the main branch, the major of the world. Some leaves, and even some twigs, in the green, are considered useless and injurious to the planter, and change them from the Frontrity, while in the green, are seen all the beauty of the deaden and fall off, and are soon seen and recognized by our friends, and some, having fully performed their mission in the tablet of the kind, I write for every industry, that there be found no useless thing; there be found no unprofitable social. So shall the tree be known by its fruits.

J. E. COLE.

"Jessey No. 2." might tell us some of the more necessary work. I have seen her with her, that it is economy to bake by the quantity. If it will be cheaper, and we shall give her four cookies: Four cups of sugar; two cups of molasses; one of flour; one of tablepower of water; vanilla or you like. Those would be enough when six weeks old, but I might say a few words about our GRANGE 1867, in Washington, D. C. For a long time it has been the experience of over 20 years, and we are all very well.

To the Sisters Known Through our Visitor.

As our last talk—boring the editorial plural just to begin with,—was without the members of the GRANGE, I will ask you. I will give you the terms, you are the use of the leaves: They and lastly, though not least in impor-

To shop—to call—to call perch

morning. You have then the whole afternoon to rest; or, perchance, your husband may be going to market this morning, and you can have a very pleasant morning, if you have any fancy stock, or to the neighboring town. The baby, of course, then by the time he is ready and drives up, you will have time to get your dinner ready, if not invited, never mind, just step out in a minute and get your dinner, and imagining he has given you the most con- dent, you may have a very pleasant time, and will enjoy your company as well.

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To shop—to call—to call perch
FARM for SALE

VERY CHEAP!

Situated about 6 miles south of Ypsilanti, in the township of Augusta, Washtenaw County, Michigan, consisting of 200 acres of land. A very fine orchard of pears, apples, cherries and peaches, on a sand soil, and a fine spring which issues from under the ground. There is a 300 feet long house, with a great deal of room, and a second house of 12 by 14, a good barn, two cow houses, and a large chicken house. The farm is on the line of the railroad, and is well watered by the Ypsilanti river.

For Sale at

JOHN C. MILLER
Commission Merchant.

23 MARKET STREET
CHICAGO, ILLINOIS

Also on the 21st of February last, at South Riley, Sister ADALINE CASK, aged 82, the last number of the R. W. SPRINGER.

Castrating Lambs.

The operation should not be delayed the lamb is a week old, as there is risk or danger after that time. The scrotum (in which the testicles are enclosed) has a lining membrane which is a continuation of the membrane which lines the abdomen. If the operation is delayed for several weeks and inflammation should follow, castrate the lamb. A small cat's incision will usually be made. Both testicles may be removed by a pair of sharp shears, with very little loss of blood, and the wool will readily heal. If the operation is deferred until the lamb is several weeks old, greater care is required. In such cases the animal is held securely by the operator and an assistant; the skin is cut in two short, long incisions, and the testicles pressed toward the lower end of the incision and until the lamb is several weeks old, as this might result in the death of the lamb. If the operation is deferred until the lamb is a week old, as this might result in the death of the lamb.

Also to the 2nd of September last, at South Riley, Sister ELLEN CUS, aged 82, the last number of the Visiter.

CONSULT YOUR INTEREST!

JOHN C. MILLER,
Commission Merchant.

23 MARKET STREET
CHICAGO, ILLINOIS

If there is in the interest of Parsons and others.

FARM TO THE FARMER.

M. G. and H.C. REED & CO.,

Manufacturers of the

WIND MILL.

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