

The Grange Visitor

SCOTT CRAFT, MARCH 15.

Single copy, six months, 25
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To trial subscribers for three months we will send the Visitor...

INDEX TO THIS NUMBER.

I acknowledge the Corn... The Grange... The State Capitol... The State Capitol Engraving... The Grange... The State Capitol Engraving...

Secretary's Department.

J. T. COBB, - SCHOOLCRAFT.

THE STATE CAPITOL ENGRAVING.

We have sent several dozen lithographs of the State Capitol to those entitled to them by virtue of having sent...

UNLIT WITHDRAWN THIS IS MADE A STANDING OFFER-FIVE NEW SUBSCRIBERS FOR ONE YEAR WILL ENTITLE THE PERSON SENDING US THE NAMES...

CONSTITUTION, BY-LAWS, ETC.

We frequently have an inquiry that shows the enquirer knows nothing of the valuable compilation authorized by the State Grange of Michigan and printed some two years ago.

This code, covering ten pages was prepared by J. J. Woodman, the present master of the National Grange, and forms for every want are presented...

From the Portable Electric Light Company, of Boston, we have a circular setting forth that there is still something new under the sun.

At the suggestion of a friend who wrote me that some outside parties refused to subscribe for the VISITOR, fearing that it will continue to be sent...

WILL FARMERS COMPLAIN?

It is notorious that all, or nearly all, of the industries of the country undertake to take care of their own interests by striving to secure favorable legislation...

This prevailing inattention of the agricultural class has another illustration in the new tariff bill passed by Congress during the last hours of the forty-seventh congress.

The lobby was on hand to take care of the manufacturing industries, but where was the farmer's lobby? None provided. Of that we are not ashamed.

We do not refer to this to complain. That would be unreasonable and we make no complaint. If farmers will send lawyers and representatives of every other class except their own to make and amend laws, they should not complain that agriculture is not represented in the body of constitutional advisers of the President; nor should they complain if their products suffer from irregular and unjust discriminations.

The late Senatorial contest in this State furnished a prolonged illustration of the utter indifference of farmers to the legislation needed by the agricultural interests of the country.

In answer to the inquiry as to the best varieties, Mr. Buell mentioned Canada Red, Northern Spy, Baldwin and Wagner. The Northern Spy, on account of its hardy character, he would use to top-graft with other varieties.

He would not have more than five varieties and prefers three. Intended setting out 500 trees this spring. Of these 400 will be Baldwins and the other 100 are quite as likely to be Baldwins as anything else.

When farmers learn to be politically selfish to the extent of insisting on having an even thing in the matter of protecting laws, then they will have them, and not until then. In the meantime it will be as well perhaps or

better to say less about farmer representation. The past has its lessons: Will farmers heed them? That is the important question. We think they will, but not to an extent that shall at once be observable.

THE MARSHALL MEETING.

With a little effort I succeeded in satisfying myself that I had time to attend the meeting mentioned in my last paper that was to open at 2 o'clock Thursday, the 8th inst. at Marshall.

On the noon train from Kalamazoo we found several of the old reliable, who have been prominently identified with the pomological, horticultural and general agricultural interests of the State.

Somewhat later than designated in the call, the President, T. T. Lyon of South Haven, called to order, and invited Mr. Buell, of Little Prairie, to read the first essay of the session-subject, "What inducements have farmers for increasing their apple orchards?"

The second topic, "When and how shall we plant peach orchards," was intelligently discussed in a paper prepared and read by Mr. Lanning, of South Haven. He referred to peach growing when the country was new and the conditions so widely different that crops were both abundant and sure wherever in southern Michigan the trees were set.

With the changed conditions incident to the labor of an enterprising people for a period of forty years or so, the questions presented are important factors in the business of peach raising. The conditions named by the essayist as essential were elevation, dry ground, with such prior cultivation as may be necessary to put it in good condition for crops.

MOESLEY'S CABINET CREAMERY.

[We call attention to the new advertisement of Moseley, Stoddard & Co. and can add to the notice below which we clip, that "the cold deep setting" is the plan that will soon be generally adopted on account of its established merits.-Ed.]

We have a report of the Farmers' Institute held at Dowagiac, from some brother, who, we cannot tell, will the writer give us his name as we wish to confer with him before publishing the report.

of the barrel as well as the top, and you will be remembered and can command good prices. A New York commission merchant says that not more than one-twentieth of the apples put on the market are of the very best quality and condition, and the supply of such never equals the demand.

While injurious insects were under discussion Mr. Glidden repeated what Prof. Cook said at the institute at Galesburg, in describing his treatment of the codling moth by spraying the tree with water poisoned with Paris green a week after the fall of the blossoms and again a month later.

After dinner, behind his fast horse we started for a flying trip to the plaster mill a mile and a half away from the office. The mill of the Alabastine company is less than half a mile from that of Godfrey Brothers which we pass on our way.

The plaster was being shipped as fast as ground, and Mr. Church assured us that he had at least date shipped more than any other mill in the Grand River Valley.

The only difficulty so far had been in getting cars for the trade on the West Michigan road and in this matter there was no immediate prospect of relief as the road is short of cars.

Butter making is now recognized as one of the fine arts. The standard of excellence for this product has steadily advanced for the last ten years and will continue to go higher.

In the peach discussion the same opinion prevailed, that there was no exact degree of cold fatal to peaches, but thoroughly matured wood not rapidly growth would endure almost any degree of cold to which the latitude in which they were grown was liable, provided the extreme cold was reached gradually and the thawing was also gradually effected.

Mr. Tracy spoke of the effect produced on some frozen bodies by motion and referred to a little of his agricultural college experience. Some geraniums were frozen and he requested all the boys of a class to each move a leaf on different plants so marking the leaf as to afterward know the effect. Every leaf moved when frozen was ruined. Most people know that onions if moved when frozen are spoiled. The results of severe freezing depend largely upon the conditions which follow, and these are not generally well understood.

Well matured wood in the fall is essential to a crop the following year and this condition in a growing season can be somewhat promoted by cutting back limbs and checking growth.

The compositor by reversing the figures made A. Makyes of Sister Lakes say in the last Visitor that he planted two bushels of the White Elephant potato and dug 48. Mr. M. writes to correct-it was 84.

business to embark in where the cold often touches twelve degree below zero.

Secretary Garfield referred to the severe weather in Ionia county a few years ago when the Mercury went down to 26 the following day got down to 20 and returned to zero gradually without killing the peach bud.

In the discussion of quality it was claimed by some that the Michigan peach was superior to those grown in a northern latitude. Mr. Buell of Kalamazoo claimed to have seen the finest of peaches in the St. Louis market last fall.

President Lyon favored the Canada Red, as an apple of real merit, productive and quite as attractive as the Davis, while Mr. Healy insisted that people buy by the eye and not by the taste, and that the Davis will sell well until buyers know much more about fruit than they now do.

In the matter of setting, trees two years old were recommended, and the tops cut back to three feet or less. Feed the land, also cultivate well, but never after the 10th of August.

Well matured wood in the fall is essential to a crop the following year and this condition in a growing season can be somewhat promoted by cutting back limbs and checking growth.

OUR CLUBBING LIST.

Table with columns: Name, Regular Price, With Visitor. Includes American Agriculturist, Atlantic Monthly, American Grange Bulletin, Christian Herald, Demore's Monthly, Century (Scribner's), Country Gentleman, Cincinnati Commercial, Detroit Free Press, Household, Detroit Free Press (with household), Farmers' Review, Harper's Monthly Magazine, Harper's Weekly, Harper's Bazar, Harper's Young People, Kalamazoo Telegraph, Inter-Ocean, Lansing Republican, New York Tribune, North American Review, Northwestern Lumberman, Northwestern Farmer, Our Little Ones, Post and Tribune, Poultry Bulletin, Prairie Farmer, Scientific American, St. Nicholas, The Cottage Hearth, The Lever, Tribune, Weekly Graphic.

TO SECRETARIES.

Bro. Edwin A. Burlingame, of Grand Rapids, Secretary of Wyoming Grange has prepared a BLANK BOOK for the use of Secretaries of Subordinate and County Granges to take the place of the Ledger ruled book which we have been selling.

With printed headings, and a card of directions, the work of this office 'the most arduous of all' will be lessened and simplified. The book will last for years, we shall keep it in our supply department. Price 50 cents.

GEO. W. TAYLOR & Co., of Kalamazoo, have a new and novel way of advertising. They give with each boys' suit at \$10.00 and over in price, a genuine nickel silver watch new style, stem winder, made by the Waterbury Watch company, and as all boys are great talkers and every boy from 10 to 14 or 15 years of age wants a watch, they do the advertising.

The old saying "When it rains it pours" was well illustrated on Tuesday the 13th inst. We had received hardly an article for a week, and for the want of manuscript had sent forward reprint for this number of the VISITOR. When nearly ready to close up, by two mails within three hours we had seven communications all too late. Will look them over and hope they will pass muster for future use. Don't stop writing on account of this shower. It won't last long.

The contrast between the spoils and the merit system was splendidly illustrated in the administration of Mr. Hayes. The Department of the Interior furnished the contrast. In it there was real reform of the civil service. No one was appointed except after winning his place in a competitive examination; no clerk was removed except for cause and after a hearing. The reform suffered because it was not general, and because it felt the influences that prevailed throughout the other departments of the government. Assessment collectors threatened its clerks, although the secretary forbade the circulation of their papers within the department and there was always the fear of what the next secretary might approve or disapprove. Work that ought to have been done by a special commission had to be done by a committee of the clerks of the department, in addition to their regular duties. But, notwithstanding all the drawbacks that resulted from the general indifference of the administration to the movement, Mr. Schurz's experiment was a decided success; and it is surprising that the advocates of a reform of the civil service have not made more use of it, as an arrangement. It certainly demonstrated that the adoption of the English system, or something like it is practicable in this country. It gave the Interior Department better clerks than it had ever had before, and, what is more, it gave the secretary practically all his time to devote to the work of the government. He had no applicants for place to trouble him, for if very soon came to be understood that success in a competitive examination was the only way open to seekers after employment. The clerks were contented, for they knew that they would not lose their places as long as they remained efficient and honest. For the same reason, they worked faithfully. The incidence that is always noticed among those who rely on political influence for appointment and retention in place is never seen among those who depend on merit. Singularly enough, there was none of the insolence on the part of the clerks, in their treatment of those having business with the department, which is so confidently predicted, by the enemies of civil service reform, as sure to follow the adoption of a system which shall make tenure of place permanent. For once was seen a department of the government managed on business principles, and it was a wholesome and pleasant sight to all who believe that the civil service should be managed in the interest of the government, and not in the interest of a political machine.-Henry L. Nelson, in February Atlantic.

A paper heads a column of personals "Men and Things"-which certainly is not a very gallant or gentlemanly way of referring to the other sex.

Ladies' Department.

THE SISTERS.

ORIGINAL PART I.

She was a maiden passing fair, With gentle eyes and silken hair...

PART II.—THE SISTER: HER TENANTS.

She was a maiden just as fair, With mind and soul and heart as rare...

PART III.—FURY AND MALICE CALL.

I know a maiden wondrous fair, With sylph-like form, of virtuous rare...

PART IV.—LUST.

That longing ceased, in her despair, She would not die. She had no care...

PART V.—THE LESSON.

Brothers and sisters, let us seek to know If secretly with members of our Grange...

Cotton and Cane North.

Dear Household Friends:—Have I been absent so long that you have forgotten me...

mosses, seeds, &c. Just think of it while we are shaking the fire, trying to keep warm...

Can any one tell me if pomegranite seeds planted in pots in the house and cared for the same as house plants...

MRS. F. A. WARNER. South Saginaw, Mich.

The Grange Worth Sustaining.

[Read by Miss Minnie M. James, at Arcadia Grange, No. 21, Kalamazoo, Mich., March 7, 1883.]

Worthy Master:—That to me the youngest in years of any member of Arcadia Grange...

This question is often asked by those outside the gates and not infrequently does it arise in the minds of those who have seen the hidden mysteries of the ante-room...

Looking at the question in all its bearings from the standpoint of one who has but the best interest of the Order at heart, I repeat the answer, "The Order is worth sustaining."

Consider for a moment what was the position in the community of the average farmer and his family before the Order of Patrons was established.

Most Patrons are more conversant with the political economy of our country, or are fast becoming initiated into the secret workings of those in

authority. The family has been lifted to a higher plane in the eyes of many to that condition of respectability and influence in the community...

As a social institution the Grange is a power in the land. Not that it brings all down to a level in society, but in bringing into communion the otherwise isolated talent of neighborhoods...

The educational feature is one of the great benefits in our Order, and upon which, if time permitted, we would speak at length.

Choice Words.

BY L. F. STEGEMAN.

Justice! Love! Truth! Fraternity! One chain of diamonds, And yet, what is in a word? Evidently, whatever it means to us...

Justice, the unerring scales, which weigh, measure and balance all things, deciding the right or wrong of actions, of principles, of human living.

Love, heaven's own sunshine, all-embracing, warming, life-giving, purifying, setting free poisons...

Truth; the priceless key, which unlocks the chambers of the soul to admit heaven's sunlight of love...

Fraternity, the rare clasp which unites the diamond chain, forming a mighty power with which to draw men and women to righteousness...

About a Pomona Grange Meeting.

Dear Sisters:—Myra having the impression that very few copies of the GRANGE VISITOR, stray away from your hands, I thought I would send a letter to the editor...

You wrote you had fears I would think you out of place for addressing those lines to me an entire stranger...

der and in good standing, should be the only introduction required.

To make my meaning more plain, for example, Wednesday 21st of February the Pomona Grange met with the Bengal Grange. On entering the hall I found many of my acquaintances and many who were not...

But I intended telling about the Pomona Grange which was opened by the Worthy Master C. Hill. First in order was the reading of an essay, entitled "Home Monopoly," written by Sister Pease...

It is a little consolation to know there is one person of the great body of law makers in the United States, though he be only a legislator...

But I am wandering. The subject of wool was brought up by one of the brothers, and the enquiry made which is the best way to sell...

To the question that was given out at the last meeting which I cannot now remember, but it had something to do in regard to bettering the condition of our worldly affairs...

With these choice words, made a part of our daily living; with justice the guiding star, with love the motive power and truth the pilot...

Sister Bliss made a few remarks showing how some people will deny themselves things they would like thinking their use extravagance...

But I must hasten and will only add

we had a very enjoyable time. The fifth degree was conferred in the evening.

Well, Myra, I perhaps have laid myself liable to criticism, as you said when you wrote an article about the State Grange. You said some of them accused you of injustice...

MRS. JOSHUA BROWN. St. Johns, Mich.

The Spring Clean-Up.

The approach of spring and the disappearance of snow having exposed all their ugliness, upon the blackened surface of the earth...

Modern science has demonstrated that the most powerful of all enemies to human life are the most insignificant in size—minute living bodies called germs.

According to the best information obtainable, there seems to be little doubt that typhoid, diphtheria, cerebro-spinal meningitis, malaria, fevers, all the contagious diseases...

Gases, germs, and dust are the most prolific sources of disease, unless it may be organic poison, which is introduced into the air by respiration and exhalation from the body.

Among the most prolific sources of disease in the household is the cellar. Many a man who wonders why it is that his family is always sick...

It is from the privies that the terrible typhoid poison principally springs, but the barn-yards, hen-coops, and pig pens lend their aid in the same direction.

Drains and cess-pools, which have

been frozen during winter should be looked after, and leaky pipes repaired as soon as the frost permits...

There is also an excellent opportunity for the city authorities to set a good example in sanitary preparations for spring and summer.

In making the above suggestions the Republican has no apology to offer. They were written calmly and deliberately, with a fixed purpose...

Length of Hair.

It has been ascertained that the ordinary length of the hair, as shown by the measurement in women, ranges between twenty and thirty-six inches...

Woman's Right to Educational Privileges.

The spirit of justice, of course, would rest woman's claim to the highest educational privileges on the human right to unrestricted growth...

In the time of old Cato the women raised an insurrection to obtain the privilege of riding in chariots...

Youths' Department.

WINTER. ORIGINAL

Oh, sturdy old winter so bracing and cold, Who sing all your praises to-day as of old...

Genius.

Dear Cousins: Owing to the irregularities of the mails, I have not seen a copy of the VISITOR for eight weeks...

ALICE L. STEWART. Milburn, Mich., March 8th, 1883.

Card Playing.

Dear Aunt Nina: Will you let me in your circle, and have a short chat with you? I have read the letters of the cousins in the VISITOR...

I see that "Pretty-by-Night" has proposed for discussion, the subject of card playing. I think card playing like many other amusements, if carried to excess...

But I am forgetting that I am a newcomer and am taking up too much time, and "Grandpa" will soon begin to criticize me...

ANNA TRAEVER. West Sand Lake, N. Y., Feb. 23, 1883.

How the Teacher Was Trapped.

Mr. Johnson, the High School teacher in Brigham, was a first rate teacher, and if his obituary had been written no doubt it would have declared him to be a "kind husband and father."

"Kid gloves?" ventured Patty. "I am safe, I think, in saying yes," said her father.

"It is astonishing," said Mr. Johnson, "how people will persist in talking of 'boiled tea kettles' for supper. This is an instance of the many inaccuracies that are daily in use."

"I will come into breakfast as soon as I have the old lady shoveled out," "When you get her comfortably aboard the shovel," retorted Prue...

So that is how the kid gloves were earned.—Journal of Education.

A Session of the Supreme Court.

When twelve o'clock comes, there are perhaps a dozen lawyers sitting at the tables within the bar, and a score of spectators waiting on the crimson plush sofas for the court to open.

"Oyez! oyez! oyez! All persons having business before the Honorable Supreme Court of the United States are admonished to draw near and give their attention for the court is now sitting."

The proceedings are impressive only from their simplicity. Usually the arguments of the counsel are delivered in low, conversational tones. Often the judges interrupt to ask questions.

the judges, holding a conversation with one of them, some intricate point in mechanical device, as you would hardly think that the court was in session...

The bench has long been only a tradition in all of our courts. Each justice of the Supreme Court has a chair to suit his own notions of what constitutes a comfortable seat.

Kisses.

A father talking to his careless daughter said: "I want to speak to you of your mother. It may be that you have noticed a careworn look on her face lately."

These burdens, if not lifted from her shoulders, will break her down. "I see, my dear," said Prue, "that you will be crossed upon her lifeless breast."

Lincoln's Height.

Leonard W. Volk replies as follows in the January Century to a denial of his statement in regard to Lincoln's height: "I have read the communication in the Century for October and can only reiterate that Abraham Lincoln was just six feet one inch when I measured him in April, 1860."

A vaguer was made one day in Springfield, between some friends of Mr. Lincoln and O. M. Hatch, late Secretary of the State of Illinois...

How Gambetta Lost an Eye. His father, who had no provision for the boy's future celebrity, wanted to secure him against military service by keeping him an Italian.

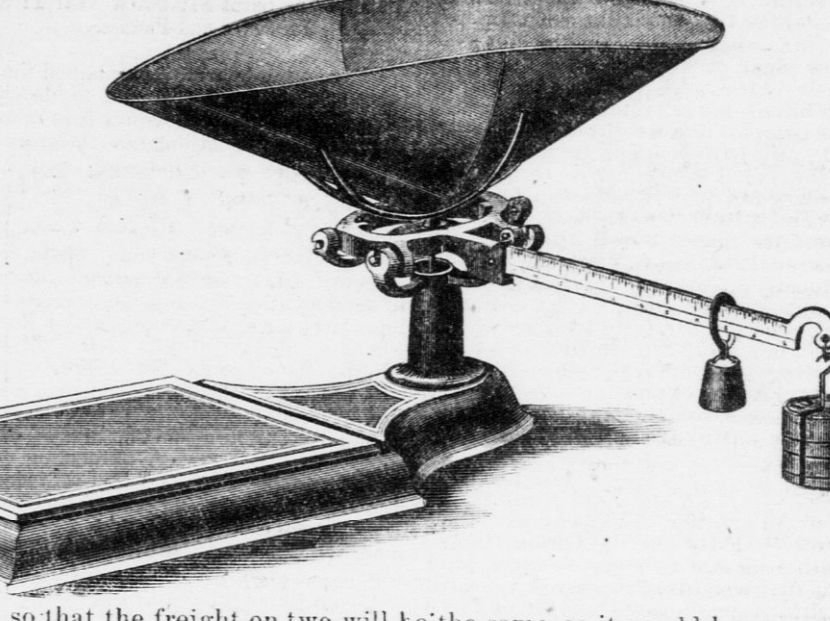
ONE sultry Sunday a minister was thundering away at his drowsy congregation, the majority of which would go to sleep in spite of his efforts.

Resolved, That in the death of HARVEY J. CHASE this Grange laments the loss of a brother who was ever ready to proffer the hand of aid, and the voice of sympathy to the needy of the fraternity...

Resolved, That these resolutions be spread upon the records of the Grange, and a copy thereof be transmitted to the family of our deceased brother, and a copy to the GRANGE VISITOR for publication.

To the Patrons of Michigan.

THE ACCOMPANYING CUT represents a fine PLATFORM SCALE that will weigh from one-half of an ounce to 240 pounds.



They weigh, boxed, 45 pounds, so that the freight on two will be the same as it would be on one.

SEEDS. SEEDS.

GEORGE W. HILL, Detroit, Mich.

THE MARKETS.

NEW YORK, Mar. 14.—Flour, dull, strongly in buyers favor; sales, 12,000 bbls. Wheat, heavy, unsettled; 3/4c lower; brisk business in options.

CHICAGO, March 14.—Wheat lower; regular, 1.05 1/2 @ 1.05 3/4; March, 1.06; April, 1.11; May, 1.16; June, 1.21; July, 1.26; year, 1.10 1/2; No. 3, 1.15 1/2; rejected, 75c.

NEW YORK, March 14.—Butter, dull, western, 12 @ 14; Elgin creamery, 38. Cheese, firm, 6 1/2 @ 12. Sugar, quiet, firm. Molasses, quiet, steady.

CHICAGO WHOLESALE PRICES—TIMES REPORT. Sugar, stand A.....8 1/2c. Butter, dairy.....18 1/2c.

THE REAPER DEATH. GOODSELL—Died August 17, 1882, at her residence in the township of Paris, Kent county.

Knowing that a person not having passed through a like ordeal, can but little realize the desolation of heart and home; the lonely and ruined outlook of the future, we would offer Brother Goodell our most heartfelt sympathies.

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THE Detroit Evening News says: "As a showing of the clerical work that has been caused by the senatorial contest a little calculation proves that during the session of the joint committee, Clerk Crossman and Secretary Hoskins, who have done the roll calling, have yelled out the names of the members 30,000 times."

DAVID DAVIS passes out of politics with the sincere respect of men of all parties. His unique position between the two great political parties, subjected him to much innocent ridicule, but nobody ever questioned the honesty of his motives or the patriotism of his purpose.

SUPREME court met on Tuesday the 6th and rendered about 42 opinions, clearing the business preparatory to the resignation of Judge Marston. J. G. Putnam's application for mandamus on the State fish commissioners was denied.

In an old directory appears the name of a Mr. Vonderblinkeustoffenheisen. Fortunately for his many friends he was called away before the telephone was invented.

MICHIGAN will have 20,000 more telephone poles this year than last.

Evergreen and Ornamental Trees.

At his nursery at Kalamazoo, Mich., is offering for sale a fine stock of Evergreen and Ornamental Trees, Fruit Trees, Grape Vines, Strawberry Plants, etc.

Sucker State Strawberry Plants.

First-class Plants for sale at \$1.00 per thousand; Second class plants at \$8.00 per thousand, \$2.00 per hundred; Fifty at one hundred rates, 500 at one thousand rates.

PATENT IMPROVED SPRING-TOOTH HARROW.



One of the best Farm Tools ever sold. No breakage of Bed Pieces as we do not cut them.

Adjusted by moving the Nipper head placed on the tooth from one depression in the casting to the other.

Adjusted by moving the Nipper head placed on the tooth from one depression in the casting to the other.

Adjusted by moving the Nipper head placed on the tooth from one depression in the casting to the other.

GREENWOOD STOCK FARM.

I have for sale a few CHOICE YOUNG SOWS OF PURE POLAND CHINA BLOOD.

SEEDS.

All kinds 2 cents per package. Vegetable seeds 3 cents. Send stamp for sample packages and catalogue to F. A. WARNER, SOUTH SAGINAW, MICH.

Moseley's Cabinet Creamery.



Adapted for both summer and winter dairying. Is used either with or without ice. Sold strictly on its merits.

TRY MY New Extra Early Sweet Corn.

Three cents per package; ACME TOMATO, Five cents; CHOICE LETTUCE, Three cents; White Winter Radish, Three cents; PEERLESS WATERMELON, Three cents; CARROTS, 3 Cents; New Double Sunflower, 5 Cts.

A FARM OF 140 ACRES FOR SALE CHEAP.

Situated seven miles north from Lansing Co-operative Store, one-half mile east of DeWitt's grist mill, and one mile from DeWitt Grange Hall.

RHEUMATISM.

All Pain Cured by First Treatment, ABSOLUTE CURE WARRANTEED.

SEEDS. SEEDS.

New Varieties of Choice Seeds.

ESSEX HYBRID TOMATO.

Stands at the head of the Tomato family. Essex Hybrid Squash better in eating and keeping qualities than the Hubbard.

EARLY MARBLE HEAD SWEET CORN.

Earliest variety known. Ears large, stalks small. Just the kind for garden planting.

CUBAN QUEEN WATERMELON.

Under ordinary cultivation will grow to weigh from 18 to 25 pounds, with high cultivation from 40 to 60 pounds.

Price per package 10 cts. All large size. Squash, corn, and beans, ounce packages. T. L. WHITE, GIBBARD Branch Co., Mich.

Shrinkage in Corn.

While it is probable most farmers recognize the fact that corn in crib shrinks somewhat in weight, but as to how much or how rapidly we think their ideas are altogether vague.

To have some reliable data in regard to the comparative weight of corn in the fall, mid winter or spring is a matter of no small consequence to farmers, feeders and dealers, and the only experiment that we test the matter is that of Prof. Scovell, of the Illinois Industrial University.

He selected a quantity of ear corn, of six different varieties and carefully weighed it October 6th, and then stored it in a room entirely cut off from any artificial heat. At the expiration of 30 days the whole was weighed and showed an average shrinkage of 15.12 per cent.

February 23th, or 145 days from date of gathering it was weighed and the average loss on the whole had amounted to 21.23 per cent, the "Mammoth" shrunk exactly one-third, or 33.13 per cent, while another variety called the "Cameron" lost only a fraction over 16 per cent, against 17.13 per cent by the "Genesee".

Improvement in Meat.

The tardiness which has attended improvements upon our meats, especially beef, has come largely from want of proper association between the steer upon the hoof and the steer upon the block.

This comes, as stated, largely from the single-handed nature of the industry, every farmer having its own standard, which, in too many cases, amounts to no standard at all.

As a rule, those that are the deepest in improved blood are the most conspicuous as possessing rare merit. This was probably the fact at the last show in the case of certain purely-bred steers belonging to prominent families in the herd books.

As a general thing, says a sensible writer, all of our farm tools are too heavy. Generally speaking, the farm wagon that will bear up under a ton weight will be as plenty heavy enough for all practical purposes to which a farm wagon should be put.

To the Editor:—I have been a painter for 30 years. For the last nine years I have used Ingersoll Liquid Rubber Paints, in 1874 I painted my own house and it looks clear and bright to-day.

SOMETHING FOR WOMEN TO DO.

A Lady Who Earns \$10,000 a Year From Preserves and Pickles.

I have often heard it complained that there was nothing for women to do by which they could earn as much as men. Perhaps there is nothing in the same line of business as that followed by men, but, taking all the professions followed by women, it seems to me that there is a great deal of money made by them.

Prof. Scovell also shelled and weighed the same corn, to ascertain the percentage of cobs, and found the percentage was a little less than 14 per cent, ranging from 11 in one variety to 16 per cent in another, from which the conclusion is readily arrived at that the weight of 50 pounds usually taken for a bushel of old corn is too much.

We have heard negroes singing "I'm bound for the promised land" while stalking along the street at night. But they couldn't fool us that way; they were bound for somebody's hen roost.

Massachusetts citizens have petitioned the Legislature to pass a uniform telephone law. They object to the arbitrary and discriminating rules which the telephone companies are compelling them to sign.

The consumption of all kinds of canned goods has increased rapidly of late years both at home and abroad, though our exportations are restricted by an apparently unfounded prejudice in Europe against the American article.

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Experiments in talking over long distances were made recently in the office of the Mutual Union Company, 135 Broadway, New York, where conversation was carried on easily, first with a ground circuit and a Hopkins telephone between New York and Westfield, Mass., by way of Danbury, Hartford and Springfield, a distance of 160 miles.

The soul without imagination is what an observatory would be without a telescope.—Beecher.

Aid of Machinery to Labor.

Labor is a natural burden upon humanity; yet it is the key which unlocks the storehouse of wealth, convenience, and luxury. By the use of invented and applied machinery muscular work is greatly relieved, and results cheaply and extensively obtained.

It is a mistaken view, therefore, to imagine that there is the least tendency in the use of machinery to supersede the necessity of workmen, and take from them all opportunity to labor. Their skillful hands, discerning eyes, and intelligent brains are surely destined to find an ever widening field.

An Underground City.

New York, as every one knows, is situated upon a narrow island. It can not spread out in one direction because of the surrounding waters.

Grange Seal Stolen.

Sign of Caution—An Impositor Exposed!

Patrons. Some one unknown to me entered the apartment where the Seal of the Knickerbocker Grange was, and stole impressions of said seal on sheets of writing paper and one E. A. Quartman has been using said sheets of paper with stolen seal on signing himself "Yours fraternally."

O. K. INGERSOLL, 76 Fulton St. New York, P. M. Knickerbocker Grange.

Is the only preparation based on the proper principles to constitute a durable finish for walls, as it is not held on the wall with glue, etc., to decay, but is a Stone tincture that hardens with age, and every additional coat strengthens the wall.

Fifty cents' worth of ALABASTINE will cover 50 square yards of average wall with two coats; and one coat will produce better work than can be done with one coat of any other preparation on the same surface.

320 ACRES FREE

Devils Lake, Turtle Mountain, Mouse River Country, NORTH DAKOTA, Tributary to the United States Land Office at GRAND FORKS, DAKOTA.

This institution is thoroughly equipped, having a large teaching force; also ample facilities for illustration and manipulation including Laboratories, Conservatories, Library, Museum, Classroom Apparatus, also a large and well stocked farm.

For the year 1888 the terms begin as follows: SPRING TERM February 20, SUMMER TERM May 22, AUTUMN TERM September 4.

EGGS FROM all varieties of Poultry. Circulars free. Send 10c for New Book on Poultry.

A. VANDENBURG, MANUFACTURER, WHOLESALE AND RETAIL DEALER IN Harnesses, Whips, Trunks, Blankets, etc.

GRAND RAPIDS, MICH. I take pleasure in presenting to your favorable consideration my CASH PRICE LIST of Harness Work.—HARNESS MADE—all of my own manufacture, also to return thanks for the liberal patronage I have received from the different Granges throughout Michigan.

CHAMPION CABINET CREAMERY. First Premium, Illinois State Fair 1887. All sizes for dairy or factory use.

DAVIS SWING CHURNS. Best and Cheapest. No inside fixtures. Always right side up.

Price List of Supplies. Kept in the office of the Secretary of the MICHIGAN STATE GRANGE.

Patrons' Aid Society of Michigan. WAS ORGANIZED IN DECEMBER, 1880, to give the Patrons of Michigan an opportunity to belong to

LIFE INSURANCE FOR PATRONS. A Home Institution of Life Insurance that they could control.

THE PATRONS' AID SOCIETY OF MICHIGAN. Its Annual Meetings occur at the same time and place as the annual session of the State Grange.

DAKOTA LAND IN TRAIL COUNTY. To rent for cash or on shares. Ready for seeding in spring. A few GOOD FARM HANDS WANTED.

POTATOES AND OATS FOR SALE. Beauty of Hebron, Early Ohio, and Chicago Market Potatoes, Russian White Oats, 90 cents per bushel.

BEST MARKET PEACHES, PLUMS, APPLES, STRAWBERRIES. J. & C. COLLINS, Moorocowa, N. J.

PATRONS' PAINT WORKS. Manufacturers of In Lead Paint. The only Lead Paint that does not destroy old work.

THE LEVER. ALWAYS GET THE BEST for the CHEAPEST. THE LEVER is the largest, brightest, newest, cheapest, best Family Temperance PAPER.

THOMAS MASON, General Commission Merchant, 181 South Water Street, CHICAGO. BUSINESS AGENT MICHIGAN STATE GRANGE.

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German Horse and Cow POWDERS. This powder has been in use for many years. It is largely used by the farmers of Pennsylvania.

FENNO & MANNING, Wool Commission Merchants, 117 Federal St., Boston. Consignments Solicited and Cash Advances Made.

Fish's American Manual of PARLIAMENTARY LAW. Is the cheapest and best. The subject is made so plain that every Citizen or Society member should have a copy.

SHORT-HORN BULL FOR SALE. (No. 38,566, American Herd Book.) This animal is a dark red, two years old, is kind and is a sure stock getter.

A THOROUGH BRED DEVON BULL FOR SALE. Two years old, fair size, and a fine animal. For particulars address: JOHN PRESTON, Pleasanton, Kent Co., Mich.

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