

"THE FARMER IS OF MORE CONSEQUENCE THAN THE FARM, AND SHOULD BE FIRST IMPROVED."

VOL. XVII, NO. 11.

LANSING, MICHIGAN, JUNE 1, 1892.

COUNTRY ROADS AND ROAD MAKING.

F. HODGMAN.

We shall not have good roads make them. until farmers realize how expensive bad roads are. Bad roads cost more than good roads. Many are so used to bad roads that they seem warrants a long sermon. For main danger of breakage. to think such roads are good enough.

larger than it is. What the differ- on doing so. ence would be in a year depends on knows what that is. Assume that, smooth even surface; hard enough grade where it is to stay the first road-bed. on an average, six teams per day so that wheels will not cut ruts in time you plow it and then be sure case the difference would be two when hauling loads. If somewhat graded and well settled road bed themselves. teams per day over seventy-two elastic it will be pleasanter to use. ought to be prosecuted and fined miles of road, because then four In some respects asphalt pavement to the full extent of the damage teams could do the work that six is the ideal road. now do. Call twenty-four miles a over seventy-two miles of roads.

roads taxed him that time.

our farmers to catch up with or to the ground and the wheels cut face than can be had from sand, no longer had influence sufficient head the procession. Accepting deeper. So it goes on from bad to muck or clay. Where gravel can to insure his retention. things as they are the best thing worse until the limit is reached. be had it is the first thing to use. to do for the improvement of coun- The steeper the slepe the worse it It makes a surface hard enough for keen, and this, of course, meant try roads is to educate those who is, defeating the very object it was almost any country road, and is a that nine-tenths of the people that

HOW TO MAKE ROADS.

roads between important points use

twenty-four loads. He could have that over till you have it by heart. tened on top so much the better, on repairing dirt roads. A road place declared vacant in order that just as easily delivered it in sixteen loads over good roads. He lost the road. Ask the owner to help you ing. If not flattened put on a good that I know of for this use. It ing may be put into it. If he does expense of eight trips. At \$1.50 open the watercourse across his land layer of brush and marsh hay and wants a man to run it who knows his duty he is protected and he each that makes \$12, which the bad till the water has a free outlet from cover it with the best dirt you can his business. Such men are much knows it. He can look at a change the road. If necessary call on the get. A log crossway becomes in scarcer than the machines are. of administration with absolute in-Drain Commissioner. A few dol- time a great nuisance unless the The machine should be run over difference. In the old days, on THE SMALLEST ROAD TAXlars spent in this way will some-
times do more good than ten timeslogs are below frost. The frost
lifts them and keeps the road filledthe road in the spring as soon as
the ground is well settled, andthe contrary, the work at each de-
partment was diminished in effi-

made for. The strain on the wagon good foundation for a pavement. sought it did not get it at all. is greatly increased and by taking When you gravel a road, begin at They abandoned their work that the lower wheels and axles at a the part nearest the gravel and put they might come on to Washington;

haul more than two-thirds as big a be cheaper to buy a man's farm out- are much better. You can distrib- difference whether this is done, or degradation and heartbreak which load, nor travel more than two- right to get a good location, rather ute the dirt evenly with them. A whether you have a hard crust on are almost necessary attendants thirds as fast on a bad road as you can on a good one. The wear and tear is more. The town I We climb hills and dig them down and tear is more. The town I we climb hills and dig them down and tear is more. The town I we climb hills and dig them down that to locate and build it on the boundary line. We are generous. The top with the unit event, when the use it or to spoil it if you the unit event, when the use it or to spoil it if you the unit event, when the use it or to spoil it if you the unit event, when the use it or to spoil it if you the unit event, when the use it or to spoil it if you the unit event, when the use it or to spoil it if you the unit event, when the use it or to spoil it if you the unit event, when the use it or to spoil it if you the use it, or to spoil it if you the use it or to spoil it if you the use it is a waste of time and money. Thanks to the adoption of the and tear is more. The town I we chino must and dig them down how to use it, or to spon it if you it is a waste of time and money. Ive in has seventy-two miles of year after year, at no end of trouble don't. When you have the road-roads. They are fairly good for country roads. If they were all as the best will some man's fields square so the public, just to that his corre rows will some out here it ought to be, roll it down to use it, or to spon it if you don't. When you have the road-bed thoroughly worked and just where it ought to be, roll it down to that of a hickory nut. Sharp, obtaining government employment

pass over all the roads in town. it and soft enough for horses' feet that the plow never is put into it eled, let it alone, except to patch mission for information; he then That includes everything. In that to take a firm hold without slipping again. A man who will plow up a up any holes as soon as they show enters some examination, he then

DON'T PLOW IT UP.

where it equals one team per day nent grade and work to it, so that presence of a sink hole do not cut will suggest that brick is now con- is any demand he is almost certain work once done will stay done. the surface at all, as it will do sidered to make by great odds the to get it. He does not have to Mr. L goes seven miles to mark- Finish as you go. Do not begin more hurt than good in case there best pavement that can be had for bother himself about any outside

WHOLE NO. 395.

The scramble for office was very Get the best location. That text disadvantage greatly increases the on an even layer about four inches they spent their money and became thick, driving over it as the teams thoroughly demoralized and unsetcome and go. When one such coat tled, only to go back finally with a Some would not have good roads for fear that a dude on a bicycle would use them. Not use. Do Not use a nuisance. It leaves Do nore in the same way, until Let us figure on what bad roads cost, keeping well within the truth and putting it in round numbers. We can not be exact. You can't we have not be exact. You can't

good as the best mile, the average load hauled could easily be half even. We are going to keep right enough to do the best work. Roll- gravel is to be put on sand, a little the same clean, healthy basis that ers are made on purpose for it, and stiff, tenacious clay mixed with it marks the business of getting em-Having located the line, you want ought to be used more than they is an improvement. On clay it will ployment in any big private enterthe amount of travel. Nobody to build a road that shall have a are. Bring the road bed to the get all the clay it needs from the prise. If a man wishes to try for a government position now, all he When your road-bed is well grav- has to do is to write to the comheld near the place where he lives, and is therein tested fairly and in a perfectly common sense way as he does, including damages done Nothing better than gravel will be to his capacities for performing Clear the road bed of trees, brush, stumps and stones, if there are any. Cut down hummocks and fill holes. It the soit is mack, put an area paving, it will generally war-to people's feelings who have to travel over such a fill holes. It the soit is mack, put an area paving, it will generally war-to his capacities for performing needed for a majority of country roads. When the traffic will war-position sought. If he does not performing the performance performed to the performance performance performed to the performance performan now do. Call twenty-four miles a days work. Then six days work to it, so that three dollars per day, or \$1,000 a year where it counds one term per day. duy the soil varies. As soon as things and work to it, so that three dollars per day, or \$1,000 a year where it counds one term per day. duy the soil varies are ripe for it, begin grading. Do it systematically. Adopt a permaner where it counds one term per day work to it. so that the soil varies are ripe for it, begin grading. Do it systematically. Adopt a permaner where it counds one term per day. duy the soil varies are ripe for it, begin grading. Do it systematically. Adopt a permaner where it counds one term per day. duy the soil varies are ripe for it, begin grading. Do it systematically. Adopt a permaner where it counds one term per day. duy the soil varies are ripe for it, begin grading. Do it systematically. Adopt a permaner where it counds one term per day. duy the soil varies are ripe for it, begin grading. Do it systematically. Adopt a permaner where it counds one term per day. duy the soil varies are ripe for it, begin grading. Do it systematically. Adopt a permaner where it counds one term per day. duy the soil varies are ripe for it, begin grading. Do it systematically are readed and work to it, so that the soil varies are ripe for it, begin grading. Do it systematically are readed and work to it, so that the soil varies are ripe for it, begin grading. The permaner permaner were readed to the provide term of the permaner permaner permaner were permaner to the provide term of the permaner pe Mr. L goes seven miles to mark-et. He had 1,000 bushels of wheat to sell, and he wanted the money. He would have sold in March at ninety cents but, as the roads were, he could not deliver it. He sold later at eighty-five cents. What all one team could haul. It made twenty-four loads. He could have

THE SMALLEST ROAD TAX

assessor's roll. The bulk of all this the amount spent on the road itself. with bumping places. tax is unnecessary. We might as well throw the money into the fire. The bickmarks are a great help to the bi The highway tax that is assessed to of the track on each side of it. They than round logs, and will last until places, fill the ruts and leave the vousness and anxiety of the unus is enough, if it were all paid in money and properly handled, to cause the surface becomes puddled in the rack be-the ground is settled so it is no longer needed. Use plenty of it. Not properly used the road machine in the rack about their future prospects.—Theodore Roosevelt in Nor Comment of the rack about their future prospects.—Theodore Roosevelt in make fifty per cent better roads so the water does not reach them Pack it as closely as possible and is a nuisance. I believe that a May Cosmopolitan. than it does make. We never shall readily. Be sure the tiles are laid give it a good covering of gravel great deal more harm than good have good country roads until they to a true grade and have a free out- with a little clay in it if you can has been done with them. Too are made and controlled by men let. Wherever there is a sag in get it. who know how. Road making is a the tile the sediment will settle. If trade. We never shall have road the sag is as great as the bore of work done economically until it is the tile it will sooner or later cause a sandy road nor drain it. Wet sand follow the slopes. No ridge of charge of the exhibit of that de-done under the direction of compe- an entire stoppage. Lay the tiles makes a better road than dry sand. loose dirt should be left. It should an Exposition is now taking measure tent, prudent men and paid for in from two to four feet deep, accord- I am not speaking of quick sand. be evenly spread over the surface an Exposition, is now taking meascash. That involves a change in ing to circumstances. Clay roads Sandy roads are usually pretty level with the machine and then rolled our road laws which I see no rea- must be turnpiked or raised in the and need little if any grading. They down hard. our road laws which I see no rea- must be turnpiked or raised in the and need little if any grading. They down hard. son to expect will be made in my center, to carry off the surface should, where it is necessary, be day. Each township in Michigan water. Plow a backfurrow down leveled off as evenly as may be. has for years had the power to the center of the road and keep Encourage grass to occupy all the make the change, but how many plowing in until it has the desired space it can. It pays well to give have done it, or will do it. (See sec-tion 1354 Howell's Annotated Stat-harrowed so as to have the soil manure for the benefit of the grass. desired a place at Washington had utes.) When the country was new and the farmers in the interior of the State had to haul their wheat to Detroit and sold it there at fifty twenty is enough. cents a bushel, money was mighty hard to get. Our road laws were then well adapted to the situation then well adapted to the situation then well adapted to the situation the center of the streets eighteen inches. The und to makes a pretty fortunes. The then had to give up such a ram, whose pedigree can be waste from sorghum mills and the like make cond to makes a pretty fortunes. The then had to give up such a ram, whose pedigree can be traced to one or more noted sizes and that is now growing his third then well adapted to the situation. inches. They now raise them only like, make good temporary appli- trigues by means of which he fin-Things have changed since then. eight inches and get better results. cations for sandy roads. They im- nally got a place in the department. Laws which were good under those When a wagon is on the slope of a prove the roads greatly while they He often had to stay in Washingcircumstances are abominations turnpike it is tilted to one side. last, and it pays well to use them ton two or three months before he in bad places when you can not do could accomplish his purpose, and dred years behind the rest of the lower wheels increasing their ten- better.

DO NOT TURNPIKE

afterwards during warm weather as ciency to the extent often of a third steep slopes are made with them, and big ridges of loose dirt are left in the center, compelling teams to

Climax, Mich.

MERIT VS. SPOILS.

sandy track and it makes a pretty fortunes. He then had to give up in too many cases he only did acenlightened world in the quality dency to cut a rut, which will in-and economy of our country roads, tercept and hold more or less of of a road, if it is much used, when of some poor fellow who was

WANTED-A MERINO RAM.

The Assistant Secretary of Agriculture, Mr. Willits, who is in industry of the United States. He has appointed a committee to look after this matter, consisting of Edward A. Greene, of Philadelphia, and Hon. John T. Rich, of Elba, Michigan. Mr. Willits Cosires to secure a fine Merino ram to be stuffed and mounted on a pedestal in the center of the exhibit. He would like tenders of and that is now growing his third fleece. The animal selected will be exhibited with the name and address of the breeder attached as in the case of all samples of wool, where these are known.

LIPPPINCOTT's for June contains a comand there is small disposition among the surface water. That softens it will pay to give it a better sur-already in the departments, but who let "John Gray."

Field and Stock.

THE CARE OF SWINE.

WM. BLOW.

considerate treatment shown the farmers to practice a mixed husother animals of the farm.

caused one or more pigs to be fat- to have hogs of good quiet dispo-

mestic animals great pains have or two and then commences travthe pig? We often see hogs turn- develop muscle but does not assist ed out in the open field or in some in laying on flesh. In quality our lane or woods with a rail fence to hogs should have a soft mellow sticks with a little straw for shel- Early maturity is very essential for with mud and filth to wallow in. time we have to feed. We ought No farmer can expect to have good not to expect a profit in feeding of his breeding swine. They square rail pen and feed them on should have good dry, warm and the ground with nothing but corn for exercise.

eight feet square, with the floor sweet, with a good bed of straw to be moved from one field to anoth- growing every day of its life. er, the most convenient places for breeding stock. These small breed- that on the average four and oneupfour lengths of rails around the to one bushel of corn. house, with a doorway to go In this way the sows straw.

plete without a few swine. The able to foretell the future; he is not as a special product no other com- put in small piles and with a little color and other characteristics, and hog has always been the farmer's expected to foresee the kind of crops modity of the farm will pay any protection they can remain a long we must take advantage of this scavenger, converting into meat or the kind of animals to produce better than hogs. what would otherwise go to waste that will be the most profitable for *Thornville*, *Mich.* or become a nuisance; the scavan- the next year, but he mustdo someger being a source of more annoy- thing to sustain himself and family, ance and receiving less care than and perhaps pay off some debt alany other tenant of the farm. Of ready contracted. It seems to me late years he has received more at- that with a State so well adapted tention, and there is a growing to all kinds of farm products as disposition to accord him the same ours is, that it is good policy for our

bandry. We ought not to raise all they may be profitably sent to cles. If we practice that course we may be utilized as a profitable quality, form and disposition. The ucts from the table and dairy have but in reality it is just as essential

So far as breeding the im- good feeders; the females are not place to live in with a floor to eat on, I find that small breeding houses, and it should be kept clean and

built in such a way that they can lie on. The pig should be kept It has been found by experiments

ing houses are very convenient for half pounds of corn produce one brood sows to farrow in if the pound of increase of live weight, horse and cultivator between the weather is likely to be cold. I lay or about twelve pounds of increase

once a week until too large. In a paper that I heard read at in and out, and fill in be- an Institute the gentleman said it tween the house and rails with cost him two and one-half cents per tay to keep

on this subject that it takes but a It seems to me that if the farmers tivation, a good yield may be has once fruited heavily is throw-

trifle more than half the fertility would investigate this question in expected. from the soil to produce a ton of pork than it does to produce a ton equally as well satisfied with the the most convenient manner. If of the land. of beef or mutton; and it takes not profits of breeding and feeding to be stored in cellar, it will be well Bud variation is very great in

GROWING RUTA BAGAS.

JOHN LESSITER.

We usually plow the ground, which may be sod or stubble and if stubble should have a good coating The rapidity with which swine horses, cattle, sheep, or hogs when of barnyard manure turned under, increase, the early age at which the prices are high for other arti- at the time we plow our corn ground. As soon as plowed it market, the ease with which the are apt to be at least one year behind should be rolled and then harrowed meat may be preserved for future the good prices anticipated, but the twice over, and once in every ten use, and the large use made of better course would be to produce a days after it should be harrowed new varieties are produced by heaving, till they have fretful, restive hogs are seldom but we have raised the best crops with animals. by sowing about that time. success in this kind of treatment hogs if we shut them up in a four fertilizer and promotes a fast growth and has a tendency to keep should have good dry, warm and the ground with nothing but corn comfortable sleeping apartments, to eat and that thrown in the mud, with a small field or a large yard for exercise. I have no place to live in with a floor to eat on off the turnip fly which is some-times troubled us. I have no doubt some of the phosphates adadhered to, all the hoeing necesabout ten inches in the rows; the this way. rest of course will be done with the

HOW TO GROW ROOTS

Cole, Mich.

WM. BLOW. No well regulated farm is com-No well regulated farm is com-to produce it. The farmer is not the practical grower.

thorough and practical test.

Mason, Mich.

PEDIGREE PLANTS.

R. M. KELLOGG.

the fat, as also the abundance of little of everything that is usually over for the purpose of destroying cross fertilization, and the same strength to grow, let alone rearing corn so well adapted as a fattening produced on our farms, a few fat all weeds, as all weed seeds brought advantage accrues from using a heavy crop of fruit, should be food, have made swine breeding hogs included. In selecting our near the surface will grow-in specially perfect specimens for abandoned. A special bed should popular in all the Indian corn swine for feeding the most import-other words this is tending your mating that obtains in the animal be prepared, made rich and deeply growing regions. While the read- ant things to be taken into consid- bagas before they are sown. After kingdom. If we have a plant en- pulverized. Then from the newly iness with which one or more pigs eration are early maturity, size, this last harrowing, before seeding— tirely pistilate or from which its set fruiting field early in the seait should again be rolled, and then stamens have been removed at the son, before seeds have begun to means of consuming waste prod- latter may seem of little moment the drill can be run easily and true proper time, by excluding it from mature in the fruit select the over the ground with the baga insects which carry pollen and by "ideal" plant, remove the green seed on or about the twenty-fifth proper isolation, we may cross-fer- fruit to prevent exhaustion and tened annually by every villager or sition as horses or cows. Cross, of June. We have sown earlier tilize with as much certainty as transfer its runners to the special

any one that your fancy may pre- dangerous to handle. We want a ty inches apart and put as near as som and may be fertilized with had more to do with my success in we can about half a pound of seed different pollen, so as to produce growing small fruits than any one selection do not fail to breed from chinery, that will eat what you give to the acre. A few days before as many varieties as there are thing. Location, soil, climate and pure breed stock on the side of him and go to his bed and lie we put in our bagas, we clean out seeds; so that by the ordinary cultivation all play their very imour chicken houses, and take all method we should have a mixture portant part, but the selecting of mestic animals great pains have or two and then commences trav-been taken in building com-fortable buildings for the borse comething he has not. This not the selecting of everything. Not one in ten soap making and say two barrels thousand would be worthy of in-do, will defeat them all. Imilate fortable buildings for the horse, something he has not. This per- of cheap salt and one barrel of troduction for general cultivation. the stockmen and propagate from plaster, all mixed thoroughly to- Many would be weak because their nothing with the pedigree of which gether on a barn floor and shovel- parents had been exhausted by you are not acquainted its pedigree, ed over two or more times so to overbearing or would have inherithave it ready to apply as soon as seed is drilled. This will make peculiarly susceptible to attacks of break off the wind, with a few feeling when the hand is placed on boards thrown across two panels them. Hogs diffier as much in this compost enough for four acres and fungi, and while they would show much wire and he prelifie at first of the fence for cover, or a few respect as cattle or other animals. can easily be applied by hands much vigor and be prolific at first ter in winter; or in a small yard the reason that it shortens the must be applied before the young of proper selection in propagating on the rows where drilled and their weaknesses would for want plants appear above ground or it soon develop to such an extent would injure them. It is a great that they would be thrown aside.

If then, all are practically one plans so that they can secure their plant or one tree, where does the word "pedigree" attach to the one little trouble to themselves. rows which should be run through plant and not to the other. We The question how to grow roots a plant or animal is recognized as uniformly full and alike in appearsows. We cannot expect to have farmer said he had fed his hogs on suggests itself at this season of a "pedigree" when it possesses the ance. No one will then he itate to good success in breeding pigs if we feed all corn as many farmers two and one-half pounds per day. It means time and extra work class and has ability to transmit the boxes with your name and do, and with perhaps nothing but Another gentleman says it is which must be used economically. this perfection to its offspring and warrant everything sold from your do, and with perhaps nothing out Another generemany says it is which must be used economicany. This perfection to its onspring and warrant everything solution of a solution of all ity it ceases to have this ability it ceases to be a "pedigree." and all the time of the most successful things in detail before starting a When the buds of a plant are septhey nurse their pigs, with oats farmers of this county bought crop. To aid in this direction arated they come under different are no gluts of damaged fruits to and corn ground with middlings nineteen pigs, weighing 2,058 one can derive considerable knowl-and bran mixed, well wet up with pounds. He fed them thirty-three edge from the work which our subjected to different methods of cause a daily change of prices. dishwater and any waste from the days then sold them. These pigs experiment stations have accom- cultivation and modes of propaga- So it is possible for the grower to food warm. Great care should be during this time. They were fed taken in feeding the sow after far-seven bushels of ear corn per day *right condition*. Fall plowing is selecting special specimens or ever a subject of debate between the rowing. She should not have any during this experiment; thus being better for sod ground, with a thor-food for twenty-four hours after an increase of over eight and one-unt for the seller. With a uni-ough preparation in all cases, and his whole field soon becomes form quality, quantity and price, farrowing. If she should come half pounds of live weight for one which can be had with the ordi-out of her bed and ask for bushel of ears of corn. At three nary farm tools, using the roller depend entirely on the manure that a family will buy in a season Not all agree which variety is cess and year after year cultivate It is a matter of surprise to the food for the next week or ten days or until the pigs are strong enough his corn. I find by referring to any can be used to advantage with it is that are utterly incapable of consumer to see what a necessity the once thought luxury has become. to consume her milk. Very many sows and pigs are lost by over-culture a table showing the price which variety is to be grown for a tion in plants is seminal exhaus-for you to teach your customers. very essential that no strangers go near or around the sow about far-rowing time and some time there-after to annoy them. They should as a rule be fed and cared for by one attendant, as no other farm animal is so quick to suspect dan-ger as swine. It is stated by eminent writers is stated by eminent writers

ing away in a great measure his Secure in good season and in labor in fertilizing and in the use

time. This adds much to their habit and propagate from individcondition. Storing and feeding to uals that vary in the desired direcadvantage will best prove itself to tion and thus accumulate the good qualities of the varieties we have. The question which comes to In many instances the change is most farmers is, can we raise and exceedingly slight, but in the course care for a crop of roots profitably? of a few years wonderful changes This can only be answered by a can be affected, and the longer we hold to our ideal type in selection the less the variations will manifest themselves and finally the type may be said to have become fixed.

The custom of taking plants from those that run out of the row into the path where they have stood Plants are male and female and isolated, freezing, thawing and propagating bed and from this set Every seed in a strawberry is the new plantation. I am satisfied proved swine is concerned choose good mothers and the males are Would make the drills about thir- from a separate pistil in the blos- beyond all question that this has and the same will be yours.

R. J. CORYELL.

The consumption of small fruits can be greatly increased in most of When we have once got our our home markets. It is here that "ideal" we perpetuate it by divi- the grower may look for surer resion of its buds, called grafting, turns and larger profits, for the budding, layering, etc., so that of prices are generally as high as in all the many millions of the old the larger cities and the freight vertised could be well applied here Wilson's Albany strawberry plant bills and the commissions are with good results. Would recom-mend a loamy soil as best for this is today really but one Wilson ket take upon yourself the extra crop. If this preparation is strictly plant in existence. The same is trouble to place your fruits more true of the Baldwin apple, Seckle favorably before your customers. sary will be to thin the plants to pear, and all others propagated in Prepare to deliver your fruit directly to the consumer. Perfect your

> supply with a certainty and with When the fruit ripens pick thormust look for a definition of the oughly and promptly, and if there word. Webster says it is "a record is any inferior fruit sort it out as it or genealogical table which records is picked. Fill the boxes full, and the relationship of families by de- with strawberries face the top-not grees." Language like all things with the largest berries to deceive, else changes and this word is now but with those of an average and used to denote perfection; hence, uniform size. The boxes will be tion. Not one grower in a thou- make very little change in his pile and extra cultivation for suc- by using a regular quantity daily. And this can be done by keeping a

his hogs. If these are safe to farrow almost any time hogs should increase only one of year.

cised in the feeding of brood In discussing this subject a house. In cold weather I give this increased one hundred pounds each plished. food give her a little dish- and one-half cents per pound live for finishing. water warm; feed her light weight the gentleman received

very essential that no strangers go near or around the sow about far-in price. If we allow five pounds Secure

pound a day during their lives he Great care should be exer- would receive a good profit.

A. W. JEWETT.

feeding at this time. I treat my of corn and hogs commencing with hogs kindly, and never strike them the year 1872, ending with 1889. ble seedsman. If the ground is The plant throws its whole energy ble seedsman. If the ground is The plant throws its whole energy fairly regular price, and thus prewith a stick. I keep them so I The average of all these years show limited and cultivation is done by in this direction so that in the case venting them from holding off the price of corn to be forty cents hand the rows should be sixteen of a strawberry which has pro-With this kind of treatment I have had good success in breeding pigs. Molly Oxford has farrowed per hundred live weight. By re-bitters thisty pigs and roised of the pice of corn to be forty cents hand the rows should be sixteen of a strawberry which has pro-duced an enormous crop it literally Plant such varieties as are known to be good croppers and give them the horse cultivator is to be used the of life left in the crown, from the best of cultivation. Use the rows can be marked with the ordi- which after a time it will emit new the word extra, rather upon the all of them. Last spring I had shown that the price of hogs is nary corn marker. From May 15 leaves as well as roots. Being ex-five sows farrow thirty-five pigs and I is seen, by the above figures, that is eight and one-third pounds of hog beets and carrots and about June 15 will bear in mind "fruit" is only than you learn how to keep the

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First Paper -- Notes in Evolution.

HOWARD B. CANNON.

idents urged the propriety of could compile the agricultural re- road making is very imperfect, in placing agriculture under the care port and also take the census. The that the roads are in a very bad of the government. The subject was age of specialists if not arrived condition for several months of considered at various times by Con- was soon to dawn. Already one the year, rendering travel and gress but the lack of general inter-est in proposals for improving agricultural methods constantly ter minds had been published. greatly benefited by good roads, postponed favorable action. The Some of the topics treated thus first commissioner of patents, are suggestive of lines which have Henry L. Ellsworth, appointed in since been more fully taken up by 1836, noticing the drift of invention scientists in government employtoward agriculture, turned to aid- Animal life of North America, and road making. ing the cause unofficially by distributing such seeds and plants as ure, diseases of plants and animals, appropriate a certain sum annually were given him. In 1836 he asked horticulture, meteorology, the dairy, nutrition of animals, the inwork; in 1839 that sum was appro-priated, and the agricultural div-for different soils and climates. ision of the patent office created. In the report of 1841 Ellsworth dation had been laid broad enough recommends the gathering of agri- and deep enough to bear the proud cultural statistics and the publish- superstructure of a mighty execuing of an annual report "as a preventative against monopoly, and a thirty years should witness buildgood criterion to calculate the rate of exchange.'

In each report of the commissioner of patents till 1846 tables of statistics relative to agriculture with extensive remarks were published as an appendix. In 1845 a long essay appeared upon potato rot. This seemed to give the key. note to a great deal of work, as the publishing of essays on a variety of topics in succeeding years indicates. In this voluminous report the ravages of insects are noted and horticultural and dairying interests receive attention.

The commissioner of patents had struggled to win a recognition by Grange principles be found, I be-congress of the agricultural needs lieve, than in this little body. *rist:* "To free a hennery from of the country, but his efforts met Best of all, it is an unselfish devo-with but slight response. In fact, tion, given not to their partic-osene emulsion, so as to fill every after the fine report of 1845 Con-ular local organization alone, but crack and crevice with the liquid. ure, Washington, D. C. gress failed to make any appropri- to the Order at large. All the pe- The trouble with either whitewash ation to continue the work in 1846, titions to Congress and the Senate, or fumigation is that they fail to and, in consequence, no report was relating to legislation for the farm- go to the bottom of the hidingprepared that year.

strong influence of the German mously indorsed and forwarded; sion for this purpose, take of hard work in agricultural chemistry. the village factory whistle now soap one-half pound, or of soft Statistics of cost of transporting gives the weather signals at the soap two quarts, and one gallon of agricultural products are given. instigation of the Grange, for the boiling water; stir until the soap The growth of the rural press is benefit of country residents. is all dissolved, then add one quart noted with pleasure. This aims to Nearly every family is represented of kerosene, stirring until well 6th. Return limit, June 25th. be a farmer's library in itself, and on THE VISITOR list. very likely in its day was the most reliable and progressive publicapics treated which tion upon the to

were printed. The distribution of seeds had kept pace with the growth of the appropriations. The idea of encouraging agriculture conceived by Ellsworth had appropriate and timely; may they

Washington and succeeding pres- one longer thought that one clerk fish culture, silk culture, fiber cult-

> Thus we see that by 1860 a fountive department which the next ing

Washington, D. C.

FROM THE REPORTS.

DECATUR GRANGE.

Buren county, has a good record Grange work. to show for the winter season. It provement in every office and duty. Its members, one and all, are willing to respond to every call from the lecturer. Nowhere can a more faithful spirit, devoted to

J. B.

ROLLIN GRANGE.

RESOLUTIONS ON THE ROAD QUESTION. The following resolutions, adopt-

ed by Tallmadge Grange are very become much differentiated. No not be imitated by other Granges? WHEREAS, our present system of

therefore be it

Resolved, by Tallmadge Grange, No 639, that we are decidedly in favor of State supervision of road

Also, that the State should

Passed to the Higher Life March 22

Brother George G. Jewett

Aged 63 years.

The deceased had long been connected with Allegan Grange, and will be greatly missed by that body, as well as the community in which he lived. His calm reasoning and mature judgment, made Decatur Grange, No 346, Van him a valuable member in all

Appropriate resolutions were has gained more than lost in mem- passed by Allegan Grange of bership; it constantly aims at im- which Bro. Jewett was a member.

VERMIN IN THE HENNERY.

J. S. Woodward, Ontario Co., N. er, sent us by the National Grange, places of the vermin. The emul-In 1847 the report reflects the have been promptly and unani- sion gets there. To make the emulmixed. An egg-beater is a good



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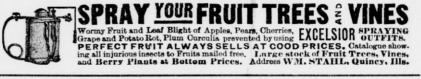
STRUER SEWING MACHINES at the above low rates. This machine is made after the latest models of the Singer machines, and is perfect facsimile in shape, ornamentation and appearance. All the parts are made to gange exactly the same materials. The utmost care is exercised in the selection of the metals used, and only the very best quality is purchased. Each machine is thoroughly well made and is fitted with the utmost nicety and exactness, and no machine is permitted by the inspector to go out of the shops until it has been fully tested and proved to do perfect work, and to run lightly and without noise. The ChicagoSinger Machine has a very import-nat improvement in a Loose Balance Wheel, so constructed as to permit winding bobbins with-out removing the work from the machine.

EACH MACHINE IS FURNISHED WITH THE FOLLOWING ATTACHMENTS:

HEMMERS, RUFFLER, TUCKER, PACKAGE OF NEEDLES. CHECK SPRING, THROAT PLATE, WRENCH, THREAD CUTTER, BINDER, BOBBINS, SCREW DRIVER, GAUGE, GAUGE SCREW, OIL-CAN, filled with Oil, AND INSTRUCTION BOOK.

The driving wheel on this machine is admitted to be the simplest, easiest running and most con-venient of any. The machine is self-threading, made of the best material, with the wearing parts hardened, and is finished in a superior style. It has veneered cover, drop-leaf table, 4 end drawers, and center swing drawer. The manufacturers warrant every machine for 5 years. They say: "Any machine not satisfactory to a subscriber, we will allow returned and will refund the money." Price including one year's subscription, \$15. Sent by freight, receiver to pay charges. Give name of freight station if different from post-office address. Address, with the money, CRANCE VISITOR LANSING MICH

GRANGE VISITOR, LANSING, MICH.



that method, which he shows to have been in many cases more fatal than the disease it is intended to prevent. As an instance of this he cites the fact that whereas the losses following inoculation in Nebraska during the past year were ten per cent, the losses among uninoculated animals were but four per cent. Copies of this bulletin may be had upon applica-tion to the Secretary of Agricult-

EXCURSION RATES.

For the following conventions, the Chicago and West Michigan Ry, and Detroit, Lansing & Northern Ry, will sell excursion tickets at one fare for the round triw:

REPUBLICAN NATIONAL at Minneapolis, Minn. Sell June 2d to

AMERICAN MEDICAL ASSOCIATION thing to mix with, or a small force at Detroit, Mich. Sell June 6th pump is better to pump it back and 7th. Return limit, June 13th. DEMOCRATIC NATIONAL

cago, Ill. Sell June 16th to 20th.

PROHIBITION NATIONAL at Cin-

cinnati, O. Sell June 28th and

To Canvass for

THE

GRANGE

VISITOR

General Passenger Agt.

GEO. DEHAVEN,



Rheumatism, Scrofula, Eczema and Inflammation of the Eyes cured. Address. DR. W. H. ROSS,





FULL INFORMATION PROMPTLY GIVEN.

THE STANDARD

OF THE WORLD

MILLERS

could be obtained.

By 1849 we find the Annual was eighty and are prospering finely. again stir well. With a force pump not entirely a compilation, for it We held an Easter Social which spray the inside of the house and gives the report of a specialist up- was truly a novel feature. Here is roosts or, in the absence of a pump on breadstuffs. This number con- an outline of the very interesting apply with a brush, sponge, or tains a stirring essay advocating affair: At the time appointed we large cloth. No matter what, if it agricultural education. Were called to order and listened be bountifully used. It is a capital

The tendency toward longessays to a fine program, consisting of plan to spray the fowls at night, and a gradual abandonment of ta- songs, recitations, select readings, when on the roosts, only when this bles of statistics is seen in the re- etc., after which came the social is done there should be added oneport of 1850 and subsequent ones. time. The Table Committee were half more water. If the house is

In 1854 a new feature was the report of Townsend Glover, who had been employed as entomologist. ladies and the young ladies wore 'nary a louse' will remain. Ex-He gives an essay upon injurious the little white aprons which used treme care must be used in sprayand beneficial insects, finely illustrated.

The coöperation of the States in these were served in every conceive- found unnecessary." the work of securing statistics was able shape and style and the table urged by many commissioners.

called Chinese sugar cane, had looked very nice. If any Grange Farmers' Bulletin No. 8, of the been introduced. German millet has never had any such social they U. S. Department of Agriculture, also and many valuable field seeds will find that there is an endless prepared by Dr. D. E. Salmon, had been distributed.

anist should be secured.

Before 1860 we find that the patent office had distributed thougiven.

ure thus slowly took shape. Its mean. I had hoped our Worthy subject, is that inoculation as a value as a farmer's library, if we Lecturer could act as press agent preventative against hog cholera can judge from the demand for but her health will not permit. copies, must have been great. The editions were rapidly made larger

into itself. When thoroughly unit-

We have a membership of over ed, add ten gallons of water, and

was beautifully arranged. An

In 1855 we see that sorghum, evergreen tree hung with eggs

The experiment of having an putting into the treasury a fine Industry, consists of a review of entomologist had met with such sum. I was glad when I received several attempts made in recent great favor that by 1856 the com- a reminder from the editor of the years for the protection of swine missioner recommended that the GRANGE VISITOR that more sub-services of a chemist and a bot- scribers were needed and I asked It presents a large amount of evi-

the W. M., to give me some time dence gathered from those who during the session to "boom" the have tried it, giving the results of VISITOR. Hon. S. H. Raymond their experience, as also a full sands of tea plants; that it had se- helped me out by saying that of report of the inoculation expeririously attempted to make sorghum all the papers he was taking he ments conducted in La Salle syrup crystallize into sugar; that prized the VISITOR as one of the county, Illinois, last year under the native grape was being brought best, and said the last two papers the supervision of a committee of into cultivation, and that serious were worth to him all it cost for a farmers. Dr. Salmon's concluthought of domesticating our nu- whole year; and it is true, as an sions, based upon the evidence merous wild animals had been agricultural paper it comes to us, which he presents in this bulletin right in our line where we can upon the results of the investiga-

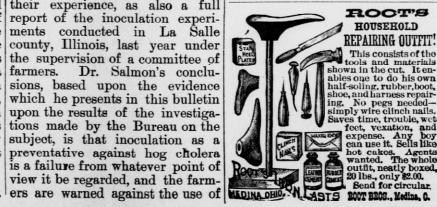
The annual report upon agricult- understand just what the writers tions made by the Bureau on the

Yours Fraternally, Sec. Rollin Grange No. 383. ers are warned against the use of Willing of

Return limit, July 8th. 29th. Return limit, July 6th. AGENTS WANTED to constitute the regalia of a ma- ing the fowls, and if the house itself tron. Then came feasting on eggs; be thoroughly cleaned this will be

HOG CHOLERA.

Farmers' Bulletin No. 8, of the amount of amusement as well as Chief of the Bureau of Animal **Terms** Liberal

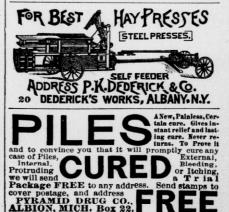


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Kenyon L. Butterfield, Editor and Manager,

4

LANSING, MICH.,

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Entered at the Postoffice at Lansing, Mich., as econd Class Matter.

Remember 60 cents for this year and next to Patrons! Remit at once, please.

We acknowledge the receipt of the Digest of the National Grange, with the compliments of Secretary Trimble.

of your work in the Subordinate of earth-home, wife, children, and Granges. Make them brief and to marched forth to battle for right. the point.

cle on Roads. It is very practical. weeds and fail to mature the pure, Fair, providing that the governbe useful to you in the future.

We went to press last issue several days early and as a consequence gone by men have given all they two or three notices of meetings had for truth and humanity. appear in this issue that should

"The rain descended and the floods came" and the poor farmer was helpless. There is usually, however, a bright lining to every cloud if we will only look up and see it. We think that before the season is over the grumbler will have pretty good reason to be satisfied.

Many of the Granges have responded to our offer, and several large lists have been sent in. The prize list, however, has come from Grand Traverse Grange No. 379. which sent in a club of fifty-four names, each subscriber taking two copies=108 copies. What Grange will volunteer to beat that this month?

articles on the United States De- against efficient legislation and has partment of Agriculture, the first made enemies of many who would of which appears in this issue. This otherwise be friends. It may be department of government is one true that this sentiment is abroad; that lies close to the hearts of that many good men do not approve Patrons; it is in some sense their of the ideal methods of these ladies. offspring, and they are glad to know But every man can learn one lesson Paul, Milwaukee, St. Louis, De-

THE GRANGE VISITOR bowed before the heroism that It is our opinion that the liquor any such action. We can't afford ticultural interests are much more sleeps beneath the sod; once more question must be solved thus. We to do it. Published on the 1st and 15th of every month. their affections have turned toward believe that religion, education, those who long ago gave treasure, politics, economics, morality, law, grounds, one sentence will suffice ambition, life, for our flag. And, must all contribute to the suppres- -it will be an everlasting disgrace in this busy, toiling, fretting world, sion of the traffic.

it is very fitting and very wise for But we do need a brigade of galus to pause for a day and recall the lant, impetuous soldiers, to inspire,

strife. not think of wealth or happiness, the hosts of evil. but of honor, duty, love. Aye, Don't forget to send us reports they sacrificed the dearest things

> life. We need to get outside of question of opening the gates at self interest and see how in days all to the management of the fair.

We may gain further inspiration day as a sacred day of rest rather have gone in May 15. We regret from this day if we will. We may than as a sacred day of worship. within two years and completed when the beans are planted, then learn that there are struggles in This sentiment appears to be gain- within six years and the plans must the plants are not disturbed in progress to-day that need our ing among many moral and religheroism. We may learn that we lous people; while the more lax must be unyielding against wrong, find pleasure in the day, the victyranny, oppression, dishonesty; ious, opportunity. We believe that we must be as brave as the there is a mean between the rugged boys in blue, as thoughtless of puritanical sabbath and the French that much money is wasted simply self, as obedient to the needs of our gala Sunday, a mean that will sat- because there is not enough given fellows.

All honor to those whose silent moral people. A conflict between lips teach us so eloquently our the two ideas has arisen over the duty and our privilege!

WOMAN AND TEMPERANCE.

The State Woman's Christian Temperance Union held a convention in Detroit last week. There are those who say that this organization has accomplished little or nothing of practical good; who believe that the persistent, unyielding Patrons will be interested in the attitude of the Union has militated

terrible struggle that shook the to lead, to encourage, to charge for is not the best treasure; that Am- to be the conservator of the senti- posed of. bition is not a fit god for our wor- ment that will conquer alcohol; that truth, are now the great things, as ever bear aloft the standard of victhey were when they were called tory, who are always anxious for a forth by the exigencies of bloody pitched battle with the enemy, and who will eventually have the honor Then was a time when men did of the final charge that shall shat-

SUNDAY CLOSING AT THE WORLD'S FAIR.

The House of Representatives We get too selfish in peace and has adopted an amendment to the Be sure to read carefully the arti- prosperity. We let grow these appropriation bill for the World's There seems to be a tendency in cities toward the keeping of Sun-

> The freer and more secular class claim that the working people of Chicago can not see the fair unless it is open Sundays; and that to turn loose so large a multitude as will be in Chicago over Sunday would be to endanger the peace of the city, at least to lure the visitors into various vices. The church Sunday. We do not believe but that the workingmen of Chicago trade may be interesting. It may true what hope is there for the

As to selling liquor on the to our national name.

CONGRESS.

foundations of our country. It is us. And we believe that this same 000,000 acres of public lands in the well for us to remember that gold noble body of true women is west surveyed, but as yet undis-

The Hatch anti-option bill was ship; that patriotism, honor, purity, it is to be the vanguard who will not allowed discussion in the House, the motion to that effect being defeated by a tie vote.

> A bill was introduced to make the term of president and vicepresident six years, and to make them ineligible to re-election.

The matter of increasing the navy aroused warm discussion in the Senate, a bill finally being the whole is quite sandy. passed to authorize the building of one battleship and of sundry gun and torpedo boats.

In discussion upon the River and Harbor bill in the Senate, it Study it, and preserve it. It may bright flowers of life. We need to ment exhibition shall not be open seem to think Michigan has been was developed that the Senators reflect on these deeper currents of Sundays, thus leaving the broader treated with exceeding liberality, and refused a couple of requests for more money.

> Judge Chipman has introduced into the House a bill allowing a be approved by the Secretary of War.

Mr. J. D. Taylor of Ohio, criticised the present methods of making appropriations for river and harbor improvement. He asserts and that are productive. isfy the feelings of most thinking to complete the work and the result of that already appropriated come to nought. He thinks Congress should select the most meriquestion of closing the World's torious schemes and appropriate Fair to the public on Sundays. enough to complete them, and to repeat the process yearly, instead of squandering so much by scattering here and there.

RAISE MORE FRUIT.

months ending March 31, 1892, has varieties. recently come from the press. In period of last year.

will be able to see the exposition be remarked that the crop of '90 The figures are as follows: IMPORTS.

\$19,498 100

1891.

JUNE 1, 1892

valuable than either. The time is ripe for Michigan to be the great We have nature; let apple state. us have nurture also.

H. B. C.

THE FARMER'S VEGETABLE GARDEN.

H. P. G.

The large amount of rain that has fallen, and the cool weather, has delayed garden work much, but by the first of June most garden vegetables should be in the ground.

See to it that peas and radishes are sown to succeed those planted earlier in the season. Radishes grown on heavy soil do not do well, but are apt to be wormy, and the roots small and irregular in shape. A small space in the garden can be fitted for radishes by drawing sand and mixing with the soil until

Bush beans should be planted when all danger from frost is past. Perhaps the most satisfactory way is to sow in drills three feet apart, and have the plants four to six inches apart in the rows. Red Valentine, Cylinder Black Wax, and Mammoth Wax are excellent varieties. Pole beans are very desirable in a family garden. The vines produce a large number of pods of most excellent quality. The hills should be from four to tunnel to be built under the Detroit five feet apart each way. It is best setting the poles. Golden Cluster is a good variety of pole bean. Lima beans deserve a place in the garden, and we now have several bush varieties that are easily grown

> Tomatoes should be started in the house or hot-bed, and the plants should be large enough to set out by the first of June. If you have not plants started in this way, it is better to buy a few dozen plants than to sow the seed outloors and wait for the plants to get large enough to set out.

Cucumbers and squashes require warm soil to grow. Both early and late varieties of squashes should be planted. For earlysummer, Crookneck and Turban The Treasury statements of im- are good. Boston Marrow and ports and exports for the nine the Hubbard are excellent late

Celery is a vegetable that is selit the comparison is made with the dom grown in a farmer's garden, people are in favor of closing on commerce of the corresponding but it is well worth the labor spent in growing it. Sow the seed in Some figures relative to our fruit shallow boxes, or in a well prepared spot in the garden and cover lightly. The seed requires two or on other days. If that were not was short, that of '91 generally fair. three weeks to come up, and should be sown in drills, so that the plants can be kept free from weeds. When the plants are about two

	magnificent development.	from this gathering, a lesson too	troit for sooing the Fair? Surely	Dutiable\$12,428,100	inches high, thin out and trans-
	magnificent development.	that very many men need to learn,	the employers of labor of the land	1,010,408	plant to two inches apart. It is
	We continue our "May offers"	and that is unyielding, uncompro-			well to cut off the tops of the
	for this issue. We are glad to state	mising hatred of wrong and per-	are not so inhuman and greedy as	1892. Dutiable\$8,602,698	plants when about four inches high to make them grow stocky. The
	that our subscription list has taken	sistent, heroic, invincible effort to	to refuse to allow their laborers	Free 6.961 750	plants may be set out in the rows
	a big leap forward during the	right the wrong. Some may doubt	who have saved enough for this		during Inland A during the 10ws
	month of May. And we are aware	the mindom of the 1' 11 11	purpose to enjoy the exhibition of	\$14,864,448 Decrease in imports of fruit 4,634,120	for celery should be light and easy
	that it is chiefly due to the loyal	governed this body of women;	their toll!		to work. The rows should be four
		nona and f. 1 /1	As to the second point, there	EXPORTS. 1891	feet apart, and the plants set six
	support of the Patrons that we can	for of the lil is it is a	will be fewer people spend Sunday	18925,911,911	is our monos apart in the rows.
	say this. There is work to be done	mamma l	in Chicago than might seem at	Total for two years	When the plants are nearly full-
	yet, however. There are many	-	first thought. Thousands within a	Total for two years\$7,849,819 Contrast with total imports for	grown they should be banked up. This process must be repeated sev-
	Patrons who do not yet take the	But we not only honor this cling-	radius of 30 miles from the city	two years	eral times until the tops of the
	VISITOR; and we ask the Secre-	ing to principle, we also have a	would make their visit between	We pay out to other lands nearly	leaves are left above the bank In
	taries and Masters, and Patrons in	strong belief in the practical mis-	two Sundays, preferring rather to	five dollars for fruit to one dollar	a short time the plants will be
	general, to see that every family in	sion of the W.C.T.U., as now	go a second time than to stay so		blanched and fit for use. Some of
	the Grange has the VISITOR.	conducted. The pioneers of a re-	long away from home. Many will	be stopped?	the dwarf varieties are best for
		form are not always the agents that	find that long enough both for	Of course, we wish to be fed with the choicest fruits of every clime.	general growing.
	REPORTS FROM POMONA.	carry it forward. They are apt to	muscle and purse. Then those	We must always expect to import,	
	Please be prompt about sending	be too ideal, often fanatical. The	who do remain will be time I		Mc LEAN Co., Ill, April 6, 1892. Mr. O. W. Ingersoll:
	in reports of Pomona Granges.	practical agents in a reform move-	who do remain will be tired enough	dates and cocoanuts, unless Cuba	DEAR SIR-I have used your
	Sometimes we are obliged to get	ment usually work by indirect	to appreciate a good Christian Sab-	and other warm regions become	paints and think they are excellent.
	the matter to the press earlier than	methods by compromises some	bath day's rest, and they will not	part of our territory. The last	My building has been painted nine
	usual, and unless you are prompt,	times by retreats, often by feints.	care to wander forth and despoil	years importation shows that we	years and looks better than some
	we may be obliged to omit your	their policy is one of constant as		paid four and a quarter millions for these tropical fruits. We paid	of the buildings here, painted only
	report from the issue in which it belongs.	striction They do not attack the	There is another side to the	over a million (\$1,151,447), how-	three years since. I want some
	belongs.	enemy in force. They at aff and		ever, for Zante currants. This we	more of your paints, and would ask
	THE MODERATOR.	enemy in force. They cut off sup-	means of accomplishing some good	need not do, for the Sultana seed-	that you send me Sample Color Cards.
		plies, ravage the country, harass,	on the Sabbath? Could not the	less raisin is much superior to the	Fraternally yours,
	Every teacher knows the Mod-	worry, take a battery here and a	grounds be open and free a portion	"English" currants, as the Zante	JAMES DOYLE.
	erator. We offer the GRANGE VIS-	picket squad there. Finally a		are called. We are now raising beautiful Sultana raisins, and they	See Adv. Ingersoll's Liquid Rub-
	ITOR and the Moderator from now	pitched battle ensues; a gallant im-	Upon at a noning gamittoned too?		ber PaintsEd.]
	till July 1, 1893, for \$1.50, the price	petuous charge is needed to annihi-	Could there not be provided hands	Marico southarn Toxas as well as	
120	of the Moaerator alone for one	late the now weakened opposition.	of music and orchestras to discourse	in California. Now, we pay more	THE MODERATOR
	vear. We hope teachers will re-	It is then the enthusiast, the ideal-	inspiring strains? It would seem	for Mediterranean lemons than for	
	spond to this offer. We shall have	ist, the brigade that has been rest-	that from architecture music out	the Florida lemons, but hope be-	AND THE
	articles in the VISITOR that every	lessly watching the contest and	every soul ought to draw help	fore many years to supply our own	
	progressive teacher ought to read.	pleading to be allowed to fly at the	But the thought of running the	There is no good reason why	GRANGE VISITOR
		enemy, is called for. And how	entire plant on Sunday and thus	Michigan apple orchards should	TILL
	THE SOLDIER DEAD.	gallantly they charge! Furiously	making this day indistinct from	not supply as many barrels as those	
	Another Memorial Day has come	and resistlessly they hurl them.	any other day will not be be a 1	of New York, were equal care	July 1, 1893,
	and gone. Once more the hearts	selves on the foe, and victory is but	our right-minded neonle The best	given. We sometimes think of	FOR
	of a loyal and patriotic people have	a question of moments!	sentiment of the country is against	Florida and California as the great	
			against -	inter states, but New Forks hor-	\$1.50.
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	in the second			`	
1					and the second of the second sec

JUNE 1, 1892.

POMONA GRANGES.

BRANCH COUNTY.

Many of the Patrons of Branch county will long remember Thursday, the 19th day of May, not alone because it was a rainy day, but that the very rain made it possible men. for members of the Grange, to the number of one hundred or more, to attend the meeting of Pomona Grange, held at Union Grange hall. The morning session was devoted Grange in the county was reported, all showing a good degree of

the good of the Order. He had but inches. nicely commenced his talk when stop, of course, to work of any kind. The members of Union deas. Grange then served a bounteous dinner to the hungry multitude. rain."

The exercises of the afternoon

indeed, by a few well chosen words took the following thoughts or spoken by Sister Leander Burnett, questions from the paper, and subordinate Grange meetings interesting," "The care of house and Sister F. S. Blackmar, "What do of root growth. yard plants," and "How may we yard plants," and "How may we attain self-possession?"—the last Grange?" She thought the results named being quite a spirited dis- of contest work were not always cussion.

These discussions were inter- " spersed with recitations and music. provide for the home?" The music, which was provided by thought a variety of papers, maga-Union Grange, was very fine, and zines, journals and books of high was fully appreciated by those religious and moral standing should present. Upon being given an op- be furnished, so that each one of portunity to complete his remarks, the family might suit his taste or of the noble work done by these Bro. Luce gave an interesting, bent of mind. though short talk.

This closed the exercises of the afternoon, and all left for home, ening members in the Grange." a long ride, facing the rain, was in the one who was speaking. store for many.

CLINTON COUNTY.

No. 25 met with Essex Grange No.

at eleven o'clock by the Worthy Overseer Brunson. The forenoon session was taken up with the usual order of business.

the weather a large number were others spent all their time thinking present and in the afternoon nearly without saying anything. He all the Granges were represented thought it would work well to comand reported in favorable condition. bine the two.

each meeting, and be punctual, and after which J. H. Forster of Will- twenty-five years has been rolling, our way, which is bringing our

Welcome address-Sister Belle

Sutfin Moore, of Moscow. Response-Bro. S. E. Haughey,

of Acme Grange.

was well received.

his seed carefully in the fall; liked The writer suggested that if what counts more, anyhow, than a Bro. C. G. Luce being present, a clover sod, well manured; plowed farmers were as proud of their true sense of right and wrong, than was called upon for suggestions for not too deep, from five to seven

were public, and were listened to with interest by many outside the Moscow Grange, "Woman's Work chorus. The meeting then ad-in the Grange." Can any or all of journed for dinner. its features be adopted in our All were made to feel welcome Grange? The Worthy Lecturer

> the best. Sister E. C. L. Mumford, What kind of reading should we,

Bro. Wm. McDougal of Litchfield, "How many should be listfeeling amply repaid, even though He thought all should listen except which an essay was read by Mrs.

Bro. E. C. L. Mumford of Moscow Grange, "Do the farmers take proper care of their health?" He thought as a rule they were too Clinton county Pomona Grange anxious to make money and worked too hard; not spending time enough 439 at Maple Rapids May 11, 1892. The meeting was called to order they might better know how and when to work.

Bro. H. W. Mumford of Moscow, was asked in regard to thoughts. He said he thought some talked too

Considering the inclemency of much without thinking, and that

adjournment was taken for one our duty as members of the that of food, of clothing, of educahour and a half. The afternoon Grange to one another?" He Recitation by Sister Alice Peas, Music, "We shall reap as we sow.'

THE GRANGE VISITOR.

Grange, "The Army of Husband-men." general of Revolutionary fame either to get out of its way, or to must have had "all the effects of lend a hand. victory." A recitation was then given by Will Marshall of Cedar —the advancement of the farmer as WHEREAS. There is an effort

Discussion, subject, "Production conducive to health and en- profession? work and interest, while several of Corn." Opened by Bro. H. H. joyment, but overwork is too Dresser, of Litchfield. He saved often inflicted on the farmer's wife. often inflicted on the farmer's wife. morally above the average. And wives as they are of their driving purity and virtue, and an ever horses, they would take better care present sense of gratitude to our Bro. Reuben Strait, of Moscow, of them. The discussion which divine Maker? the dinner bell sounded, putting a liked fall plowing and a solid seed followed the reading of this paper

> Music-" Sunshine ever follows with a song by I. D. Luke and wife before us; and with his everlasting entitled "A Jolly, Good, Hearty love, the key to this hand book, in Paper by Sister C. M. Parker, of Laugh," in which all joined in the our hearts who can stand above us?

Afternoon Session.

spoken by Sister Leander Burnett, Pomona's thanks for the same being graciously voiced by Worthy ideas Sister McDougal. "What of the Agricultural College, then a recitation by Miss Della Wright that expression of loving remembeing graciously voiced by Worthy Master Smith. The main subjects do you think of Children's day in do you think of Children's day in the state of the Agricultural College, then gave an interesting description and illustration of the roots of farm brother, sister? How they carry us illustration of the roots of farm brother, sister? How they carry us good thing to interest the children. crops, showing the different stages back to the rose-tinted days of

We next listened to "The Legend of Bregenz," which was neatly recited by Miss Katherine Mullett of Cedar Grange.

A paper read by Miss Fannie Oviatt of Capitol Grange, informed us of the work of the Humane Sodeeply interested in the subject and listened intently to the description societies in protecting helpless creatures from abuse.

This paper was followed by a childhood scenes: song by Mr. and Mrs. Luke, after "I once had a little brother G. S. Williams of Capitol Grange, entitled "Amusements in the Country." Farm life should be a joyous life, but often from lack of amuse-monts it becaused by the beautiful summer, ments it becomes dull and its labors irksome. Several games were mentioned which could be used in the and sisters. farmer's home to make the evencan afford to be without.

The last on the program was a lecture by Miss Hattie Hewitt of Lansing, on "The Cost of Intemperance," in which she showed by means of a chart the annual cost of Dinner was announced, and an Bro. H. H. Dresser, "What is intemperance as compared with

The time in the afternoon was ures than on his successful experi-given to the Worthy Lecturer, and ments, but as he is known to be a turn it from its destined course bethe following program listened to: su cessful farmer we concluded cause their own future welfare will Music furnished by Moscow that his defeats like those of the require of them one of two things,

Grange, after which a most excel- a class, and pure legislation. And lent paper was read by Mrs. A. how can we obtain pure legislation, The morning session was devoted to the usual business. Every Song, "How I cheated Parson Mumford, Subject of "Overworked Women." Excepting through the efforts of pure men, and where can we find A reasonable amount of work is purer men than in the farming

The farmer should be, if he is not,

With God's pure air all around and above us; and with nature, his The morning session was closed hieroglyphic hand book, spread out And, again we greet you because we are brothers and sisters.

What can send the life current

on its way with such an ecstatic Opened with a song, followed by bound, what so kindle the face with childhood! Smiles and tears, sunshine and shadows to be sure; but the good always outweighing the bad, and the joy the sorrow. And all under such loving, tender care.

Free as air, pure as lilies that grew at our feet, happy as the birds that sang above us, are but a cieties. The audience appeared few of the joys of childhood for brother and sister.

How memory stirring are these few beautiful lines by one of the Cary sisters, this loved vision of memory, this sweet tribute to

With eyes that were dark and deep;

In the lap of a dim old forest, He lieth in peace, asleep. Light as the down of the thistle,

The summers of long ago."

Yes, we welcome you as brothers

Old Moscow Grange in love ings more pleasant and profitable. throws wide her doors to welcome made by which weather crop re-The Grange was recommended as sisters—brothers of the plow. May ports will be sent each week, from the best source of entertainment and God, our Master, welcome us in spring to late autumn, to the Secone which no farming community Heaven, as we, on earth, give retary of each Subordinate Grange welcome to you now.

Belle Sutfin Moore.

HELPFUL WORDS.

Williamston, Mich, May 1892. EDITOR VISITOR-Permit me to say that your May-day issue is attion and of religion in the United tractive and interesting. I like its States. The cost of intemperance make-up and general tone. The being sixteeen times as great as the cost of religion. This paper re-ceived especial interest from the hild of The quality of your goods is good, offer you make to your subscribers though cheap. A cheap coat does not, by any means, mean a poor or cheap man inside of it. Patrons ought, one and all, to avail themselves of your liberal offer. I presume it is, in some sort, an experiment. If it fail, I'd like to see the other side tried, to wit: raise the subscription price to \$1.50 per year and give us a weekly paper. Some people value things by the price asked for it. I note with approval your comments on Annie L. Diggs' article lauding the Farmer's Alliance. Like a lady, she is vivacious and oblivious of the logic of facts. She will know more when time shall have mellowed her imagination and tested the stability of the Alliance. Time is the true touchstone. The Grange is not dead, but liveth, and is doing a grand work, although it came near being wrecked in the village of Moscow, May 5, 1892. After going through with and 14, 1892. The evening session thought, one in mind, and one in which the good ship Alliance had We extend to you, here today, a on those shoals and quicksands of purpose-it is our pleasure to bring better look out for. The trouble you greetings, it is our pleasure to with us farmers is, that when we take your hand in a warm and form a party, purely of our own, remarks for the good of the Order: Bros. W. A. Armstrong, N. I. Moore, A. W. Mumford, S. E. Haughey, E. C. L. Mumford, Reuben Strait, H. W. Mumford and Sister Wm. A. Armstrong. It was thought that it raid to below to plane to and strand the tion marks for the finith degree. Morning Session, May 14. Dened with singing by the Cedar Armstrong. It was thought that it hearty God-bless-you grasp, and it to right manifest wrongs we are too Armstrong. It was thought that it hev. ward, of Okemos. A recita-paid to belong to and attend the Grange, socially, intellectually and financially. The brain must guide the hand. It was also thought that the subject of "Home Culture" the hand. It was also thought that the ladies should take a more active part in the discussions and work of the discussion on this subject was the Grange. Patrons should attend followed by a song by the choir, be discussion on this subject was followed by a song by the choir, be discussed by the choir, be discussion on this subject was followed by a song by the choir, be discussed by the choir, be discus

Yours to serve,

J. H. F.

RESOLUTIONS.

Resolutions passed by the Davis-

WHEREAS, There is an effort being made by the citizens of Detroit and other cities to secure one cent letter postage, at the expense of free mail delivery in rural districts, a thing which is not only selfish and unjust, but is a bold effort to advance and sustain class legislation by seeking to deprive one portion of the people of the privilege of even one daily delivery of mail, when the city mail is already delivered from three to five times daily at government expense; and

WHEREAS, The success of the farmer largely depends upon his knowledge of the markets. Therefore it is important that he should have daily reports from all the leading markets where farm products are sold; and

WHEREAS, The Postmaster General has demonstrated practically that the free delivery of a daily mail in the rural districts is selfsustaining; therefore

Resolved, That the law establishing free mail delivery in certain cities, and not in the rural districts, is class legislation; and further

Resolved, That we, as farmers and Patrons of Husbandry, will not support for members of Congress any person who favors such lass legislation.

Resolved, That we cordially and earnestly invite the farmers, and the State and subordinate Granges, to work and vote for free mail delivery in the rural districts.

- R. K. DIVINE,
- D. M. GARNER,
- B. J. PHILLIPS,
 - Committee.

The Grange instructed their reporter to forward the above resolutions to the GRANGE VISITOR for publication.

R. K. D., Reporter.

WEATHER REPORTS.

Arrangements have already been in several States, to be taken by him or her to the next meeting of the Grange and posted up for the use and information of all the members, and thus farmers, by knowing the truth about the weather, the growing crops and the yield, will no longer be at the mercy or specula tors, who are always "bears" until they get the crops in their own possession. The great extension of the system of warning flags for cold waves and frosts in the cotton, tobacco, cranberry, trucking, fruit and other special and perishable crop States, has already resulted in savings amounting to millions of dollars. "Forewarned is forearmed," and the knowledge gained by the farmer about the coming of adverse weather will enable him more and more to prepare for emergencies. And thus we have one more instance of the good practical work being done for agriculture by the Grange. If you are a member, talk these things over with your neighbor who is not, and invite him to help us along in the good work. If you are not a member, join the nearest Grange, or unite with your neighbors in having one right among you. It will help you all, socially, educationally and financially.

session opened with a song by the thought the Golden Rule would choir, followed by the welcome apply in Grange work. address by Geo. Jewett, Master of Essex Grange. The response was given by O. A. Whitlock. A short Music, "We discussion on road making was listened to with apparent interest. The program in the afternoon was a description of his trip south and well responded to.

The question, "Are trusts and combinations injurious to the far- the Grange thought we needed mer?" was fully discussed by near- fractional currency. ly all present.

F. W. Redfern by saying that they TOR. Music. Closed in due form were indeed injurious, if carried at 3:30 P. M. too far. A very interesting pro-gram was listened to and enjoyed is prosperous. by all in the evening. Some very choice selections were given.

A song by the choir closed a very instructive meeting, both afternoon and evening.

ANNIE JEWETT, Sec'y pro tem.

Bro. Wm. McDougal then gave west.

The Worthy Lecturer asked if

all present. The discussion was opened by Bro. H. H. Dresser then spoke in the interest of the GRANGE VISI-

By request of the Grange, the welcome address, also Sister C. M. Parker's paper, will be sent for publication in the VISITOR. A. W. MUMFORD,

Moscow, Mich. Secretary.

HILLSDALE COUNTY.

Hillsdale county Pomona Grange No. 10 met with Moscow Grange, the regular routine of business was devoted to the transaction of the following named brothers and business during which time a class sisters responded to the call for of fourteen candidates were inremarks for the good of the Order: structed in the fifth degree.

A meeting of Ingham County Brother and Sister Patrons: Pomona Grange was held with

only twelve years, and whose voice and manner is needed to comprehend the impressiveness of the address. This meeting was a very successful one, and was of unusual interest,

being the first held with Cedar Grange for some time on account of its almost dormant condition. But it has recently been subjected to a revival and Ingham county Grange work in Hillsdale county now rejoices in the support of another thriving Grange.

The next meeting of the Pomona Grange will be held with Felts Grange, June 10 and 11, 1892.

CARRIE M. HAVENS. Secretary.

ADDRESS OF WELCOME.

[Read at Hillsdale Pomona.]

Fraternally,

MORTIMER WHITEHEAD.

\$150 CABBAGES.

At the Hillsdale Fair for 1892,

The Hillsdale (Michigan), Fair will

INGHAM COUNTY.

THE CHALLENGE.

I have a vague remembrance Of a story, that is told In some ancient Spanish legend Or chronicle of old.

It was when brave King Sanchez Was before Zamora slain, And his great besieging army Lay encamped upon the plain.

Don Diego de Ordonez Sallied forth in front of all, And shouted loud his challenge To the wardens on the wall.

All the people of Zamora, Both the born and the unborn, As traitors did he challenge, With taunting words of scorn.

The living, in their houses, And in their graves, the dead! And the waters of their rivers, And their wine, and oil, and bread!

There is a greater army, That besets us round with strife, A starving, numberless army, At all the gates of life.

The poverty stricken millions Who challenge our wine and bread, And impeach us all as traitors, Both the living and the dead.

And whenever I sit at the banquet. Where the feast and song are high, Amid the mirth and the music, I can hear that fearful cry.

And hollow and haggard faces Look into the lighted hall, And wasted hands are extended To catch the crumbs that fall.

For within there is light and plenty, And odors fill the air; But without there is cold and darkness, And hunger and despair.

And there in the camp of famine. In wind and cold and rain, Christ, the great Lord of the army, Lies dead upon the plain.

Longfellow.

WOMAN'S WORK.

To the Patrons of the State:

so long-and not doing duty in the line of work in the field.

that I have many duties elsewhere. averts those which destroy. Home and dear ones come first;

girls who had no place to go save worse? Too seldom are we taught Satan always finds mischief for I believe it healthful for mind

that the organization had rented a our neighbors as though it were a erect a permanent building must ings with the blessings of those large building to be used as a board-disgrace; and if people come who secure a firm foundation or his less favored, and by extending a ing-house during the World's Fair, are wealthier than we, every effort structure will be insecure. So it helping hand to them. There is where young girls could come, be is put forth to give them the im- is with everything, if we begin scarcely an individual but can look boarded and lodged at low rates, pression that we live in the same wrong we will end wrong. What about him and see objects of pity and provided with chaperon's to style that they do. The Grange you lack in brains make up in that will make him ashamed to take care of them and show them has done much for farmers, and we "brass;" but why such counsel, be- think that he should be so downthrough the great exhibit; thus see with joy that many of them cause with the masses brass is hearted and discouraged. giving them protection and are becoming more independent more essential to success in a home at a time when danger was on every hand.

"Yes, the world is growing better, Yes better all the time.

Today, the great want that our Rev. Brother Grosch spoke of, viz.: lived-practical religion which lifts man up to God is being preached, by doing as we would be done by. Yours very truly,

MARY A. MAYO.

[Read at Ingham Pomona Grange.] When a farmer sows his crops or

HOME CULTURE.

As your servant you have reason plants his orchards, he knows that Please remember dear friends those which are beneficial and display.

No plant, tree, or flower is more my first duty is to my own, and sensitive to sun, shower or soil daily contact. when a request came from Kansas than is every human life to the We have thought that a useful a napkin, for by our works we for "mother," I could not but re-spond. Bro. Mars kindly excused make up its daily existence. Yet attract might be learned from the we shall be condemned. We are me from Grange work and through a part of March and April I was to the first than the last. Is it who spare no pains in decorating but by our performance, not by there. Duty again called me home, because in this age of mammon- their walls with pictures and pro- our words but by our deeds. We In youth we grow, manhood, and for a few weeks I have been worship, the value of a crop of curing sweet music to fascinate the judge a tree by its fruit, we judge broaden. Two natures wrestle in doing my best to set things in grain outweighs the value of a eye and charm the ear. Were men by their acts. You may reorder so as to resume work again human soul with its untold powers parents as zealous in making home member hearing of the old Spartan fiercely than in our youth. for good or ill? Or because from with all itsfluence for good as at- who tried to make a corpse stand There is much to be done in long habit and necessity, so much tractive, there would be fewer upright but found that it would Grange work this year, and all that thought is given to money getting and so little to anything else? In many farmer's homes there is a fall and said: "Ah! it wants some-thing inside." I wonder if the While in Kansas City central Home is where a life is rooted scarcity of reading matter, yet no trouble with a good many living depot we saw a kindly faced lady and from whence it draws its investment pays greater interest in persons is not they want some-with a badge on. Surely now, here greatest good or deepest ill. Minds pleasure and profit than good peri-thing inside; they lack, aniis a sister of the Order we thought, are warped or developed by trifles odicals and books. But great care mation, energy, zeal. There is so with all the boldness of a Patron so small we seldom see them and should be taken to have them of nothing truer than that, "prowe greeted her, giving the right hand of fellowship—including the biblity of living, nor hold doubt that much wretchedness and While we are sleeping away the while none of us can shirk the re-band of fellowship—including the sponsibility of living, nor hold doubt that much wretchedness and while we are sleeping away the corner stone of the Grange edifice grip. She greeted us very kindly, lightly the influence we have upon many crimes are but the fruit of hours when we should be at work is education, but many members but responded to no signs or words. those around us, we often uncon-And on looking closer at the badge sciously, by some word or deed, from the printed page. No stronger Then again what you do, do row a construction of the word, (it did look just like a Grange em- change the tenor of a whole life. proof is needed than Aaron Burr with your might; a lukewarm, half applying it only to what is ob-(it did look just like a Grange em-blem), we read W. C. A., Depot Matron. After a few questions she told us all about it. She was on duty—looking after and caring for women, young girls, when we pause to think of and children who were traveling it, we know that except in very have known the world was large once to which your talent and should be separate and distinct qualifications lead. children, two feeble old ladies and thing at home and another abroad It is said that Cæsar's influence one young girl under her care, see- and the only wonder is that there over his vast armies lay in the fact at once, it is by patient persever- and sisters that finance is one of ing that they were comfortable, are any candid people in the world that he did not stand and cry "Go!" ing effort that it is won. Our the most intricate problems, not telling them when their train would at all. From our earliest recol-move out, and going with them to lection we have been taught to lisp "Come!" We are none of us persevere we are likely to accom-of nations also. One great trouble the train and seeing them on board, so that they could make no mis-so that they could make no mis-strangers; have seen the best influence which, though it may not of the longest flight of stairs is and the whole country as well, is takes. To women unused to travel, rooms, best dishes, finest clothes be strong enough to send can cer- reached by only taking one step at their lack of education in business it is very confusing when trains and sweetest smiles given to tainly lead. So let us by daily a time. We often forget this and methods. They let others do the are coming and going all the time, guests, while the barest, poorest watching and thought bring, as far if we do not succeed at once we trading for them and get beaten at but this good woman calmed all and plainest, have been made to as possible, into harmony our lives become discouraged and cease our both ends of the deal. Let the ful Grange melody kept running in our mind— night we see large farm houses entertain—and by so doing gain a solution of knowledge. The with no light except away back in self-respect which cannot fail to mark then aim for it. Concen- declaration of purposes not only the kitchen. Those people have help ourselves and others. cosy rooms, with carpets, pictures Here was a band of Christian women, for the letters W. C. A., seldom entered except when some represented the Woman's Christian visitor comes, while the piano Association, putting into practice misses its mission of brightening the religion of Jesus Christ. The evenings at home because there is poor sick suffering ones of that no fire in the room where it stands. great city were being looked after Should some one come the rooms by this organization. Wherever will be warmed, lighted and filled and whenever woman needed help with music, laughter and jest; but thus some of their number was the next evening will find the fam-found doing what they could to ily back in the kitchen again sit-special talent, but there are none ting in their soiled clothing and who have not ordinary abilities When in Chicago we saw another fretting over all the worries they and can so direct and cultivate dens are greater than we can sister with the same kind of a badge can think of, living not only in them as to make of themselves a bear, but our courage comes to our doing the same work. And in the back of their house but also in success. First, be sure you are aid, and in a measure, we scarcely know how or when, our burdens announcing to girls and women tures. Is it any wonder that the not depend half so much on special slip away. Outward surroundings who were strangers in the city young girl comes, in time, to make talent as on energy and ambition help to drive these feelings of sorwho were strangers in the city where shelter and protection might be had, and also work furnished for those who needed it. We had the good fortune to share a seat with a lady who was one of the board of directors of this morality with the cracked dishes, the world will not amount to much mingle in society, and we put on a one of the board of directors of this association, and she told me so much about it; how that they had established a home for worn-out working girls where they might go and find a home, rest and recuper-ate, until able to go out to service again. What a blessing! Here more they might go and find a blessing! Here they might go again. What a blessing here they might go agai

though an honored or dear this they are indebted for their friend, the family held the best of success. In this is illustrated the

the heart. to inquire why I have been silent certain states of weather and soil filled with all the beauty and com- render an account for the talent give certain effects, and so far as fort their owners can afford, but that is intrusted to our care, when it is within his power brings about would have nothing purchased for the master will require it of us with

The use of beauty is to refine; up and a doing while it is yet today. and this it cannot do except by I hope none will be like the indo-

at home and abroad; live more for efforts. Then use the talent God education of the Grange embrace Passing through the country at those we love and less for those we has given you. Decide on what finances and politics as well as

Ladies' Department. again was the glorious work of taking with him the principle that something, yes something, to do; coerce our feelings too much, but do not sit idly waiting for fortune let them take possession of us for

care, and the benefits of this good and self asserting than ever before. worldly point of view than brains? Why can we not rise above the idea While this is the case men of little of trying to do just as some one has or no talent, men who cannot or done, establish our homes and lives will not think (men of brass) who upon a solid basis and striking as know little yet imagine they broad an average as we can afford, know it all and assume an air of never vary from it, though a foreign superiority, attract the attention "Sermons in Shoes," is being prince should call upon us. How of the unthinking multitude who. much work and nervous excitement unable to detect the fallacy, accept this would save while allowing us their dogmatism as evidence of to extend a broad, true hospitality. greatness and extol them for their Our guest would go away feeling supposed worth, when after all inthat he had not thrown the house- stead of being men of brains they hold machinery out of order and are only men of "brass" and to

> everything in the house as well as truth of the old adage "All is not gold that glitters." But the time We would have farm houses is coming when we all have to usury. Then it behooves us to be

lent servant that hid his talent in or quite clear of something like

JUNE 1, 1892.

At that time twenty-three poor out having it known, he is none the to turn up some marvelous scheme. a little time. It will do us good. this haven, were resting, gaining by example to do right simply be-health and strength. it is right; to avoid and hate is right; to avoid avo There was another home for lit-tle children. And still another for old ladies, who were so unfortunate as to have no home of their own, where instead of going to the poor-house they were tenderly cared for. "how will it look?" Any econo-house they were tenderly cared for. The lady, Mrs. Abbott, told me tice must be carefully hidden from ments. A man who desires to and that is to compare our bless-

MRS. T BRABB.

THOUGHTS.

Some things God gives often; some he gives only once. The seasons return again and again, and the flowers change with the months but youth comes twice to none. While we have it we think little of it, but we never cease to look back to it fondly when it is gone.

Poets always paint the Gods young, and half of our heaven is in the thought of our youth returning.

Health to life what light is to the landscape, making even bleakness and barrenness beautiful.

Prudence grows very slowly, and seldom flowers freely before manhood.

No one is ever really contented. trouble.

As we get older we get conservative, but the young have no past. only a future.

our breast, and at no age more

Nothing grows duller than mereamusement, and no one needs it so much as he who has most of it. Youth-Cuningham Geike.

TRUE, VERY TRUE.

Then again what you do, do row a construction of the word, Success is not ordinarily attained not occur to these good brothers trate your energies. But above all permits these features of Grange work, work! dig, dig, dig! education, but it makes it the duty Be not discouraged but persevere of the membership to continually and surely success of the best kind add to their knowledge in this direction. The thoroughly educated farmer is a good business man.

their fears, and they trusted and serve for the members of home. obeyed her. The jingle of a beauti-

"The world is growing better, Yes, better all the time."

aid them.

"True worth is in being not seeming In doing each day that goes by Some little good—not in dreaming Of great things to do by and by: For whatever men say in blindness, And spite of the fancies of youth, There's nothing so kingly as kindness And nothing so royal as truth." CARRIE HAVENS.

TALENT.

[Read at Lenawee Pomona Grange.]

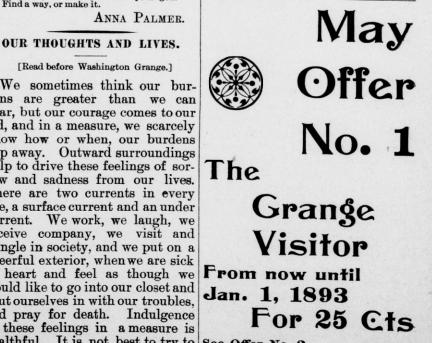
will attend you.

Don't hide your talent through a fear, But bravely go and shake it, Wear out, don't rust, to reach your goal Find a way, or make it.

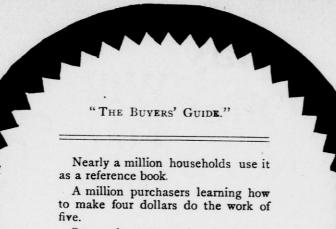
ANNA PALMER.

[Read before Washington Grange.]

We sometimes think our bur-



JUNE 1, 1892.



Sent only upon receipt of 15 cents in stamps to pay the postage. (550 pages, 30,000 quotations, weight two pounds.)

> MONTGOMERY WARD & CO., 111 to 116 Michigan Avenue, CHICAGO.

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13

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Wm. ClarkCharles	voix, Charlevoix County
G	

College and Station.

FORECAST OF FROST.

Dr. Kedzie has published a very iuteresting pamphlet with the above title. He shows that there is an intimate relation between the danger of frost and the humidity of the atmosphere and presents practical means of using the scientific knowledge imparted.

The apparatus required is very simple and can be constructed by any farmer at slight expense. This apparatus technically called a psychrometer, is only a combination wet bulb and dry bulb thermometer, and when used in connection with a table given in the pamphlet will enable a farmer to forecast frost. As to the practical help of this we quote from the pamphlet: "If the hoed crops of the farm

are cultivated with reference to to securing a constant supply of moisture in the upper soil-to draw by capillary action of the soil upon the reservoir of water in the subsoil, and at the same time keep the surface soil in such condition as to prevent the too rapid dissipation of soil moisture-the fields may be saved from the frost by a covering as impalpable as air but as effectual as eider-down. Here is a conservatism of highest importance for both farmer and fruit grower.

DRY AND FROSTY AIR.

This immunity from frost afforded by a moist atmosphere is a matter of great importance. I once read his growing corn, and who cultiva- insect in size and color only. ted the field, stirring up a moister soil, and thus promoting evaporaand a rescued crop, while neighfrost.

Ten years ago some beautiful beds of coleus were near my house. Early in October there were threatenings of frost. Every evening the cording to circumstances. beds were thoroughly wet down other plants near by were killed. At this time I found my neighbor one evening putting blankets over his grape vine to save the fruit away his woolen blankets and put on the water blanket by a thorough drenching with wate. This was done and the grapes saved.

This use of water to guard tender been used at the college, and gen-

"Planting a grove."

- " Planting a wild grove."
- "Botany and the common school."
- "Plants indicating a fertile soil."
- "Trees valuable for timber."
- "Trees and shrubs best suited or screens and wind-breaks."
- "Native forage plants."

"Weeds, bee plants, native and introduced."

plants," etc., etc.

of the work,

It also contains much interesting matter in reference to our flora together with a map showing the of red clover lived for four, five or different floral regions of the State.

COMMON LICE.

V. H. L.

The common lice affecting our domestic cattle may be divided into two groups, the suctorial and the biting or running lice. In the former group the mouth parts are modified into a tube provided with a piercing instrument which aids in penetrating the outer skin. In the London purple without making latter group the mouth parts are Bordeaux mixture? If so, how arranged for biting as the parasite much to 200 gallons. W. N. T. lives upon the epidermal scales and hair or feathers of the host.

Two species of suctorial lice are common on cattle. In both species the life history is about the same. The females deposit their eggs, often called "nits," on the hair, attaching them by means of an adhesive secretion, very near the skin. in a newspaper of the experience In a short time the young lice apof a farmer who feared a frost on pear. They differ from the mature

As these are very difficult parasites to destroy, prompt and thortion, with this result, a heavy dew ough treatment should be used. The seed of the common larkspur boring fields of corn were cut by steeped and applied in the form of wash is highly recommended. Carbolic acid soap, kerosene and lard, or kerosene emulsion, road dust and ashes may be applied ac-

In case these remedies fail, fumiwith cold water, and the tender gation may be resorted to. The coleus plants escaped frost while tight box-stall provided with a close fitting door at one end and a stanchion in the other. Put a good sized hole through the wall directly from frost. I advised him to take in front of the stanchion. Cut the treated. The nose and eyes will the entire plant. erally with good results. Straw-berries and grapes in blossom may of the burning tobacco or sulphur. In a plant no application of fungibe saved in this way and with little It is safer and more convenient to cides can destroy the fungus, but trouble, if a good supply of water allow the fumes to enter through the spores can be destroyed and The quick-witted farmer or gard- side of the stall. If tobacco is used plants can be prevented.

plant by way of snow, infrequent or frequent thawing or freezing?

5. Is the drainage good, or is the soil too wet?

The seed is usually sown in the spring where wheat was sown the previous autumn. The clover makes feeble growth until the wheat is removed, usually becoming well established and thick by "List of Michigan medical autumn. The next year it is usu-A complete list of the plants of pasture the year following. More this State together with their dis- or less of it is killed during each tribution, etc., is given in the body winter and spring depending on the conditions suggested above.

I have seen instances in which I was very well satisfied that plants more years, but two crops is all that it is safe to rely on, unless the land is newly seeded or contains an abundance of seed to produce a new crop of plants.

So far as I have observed, mammoth clover is more likely to be perennial than the early red clover.

W. J. BEAL.

COPPER SULPHATE.

Can I put copper sulphate with

There is danger of burning the foliage when you use copper sulphate alone. and especially if you also use London purple. I should prefer to add $1\frac{1}{2}$ pounds of lime for every 32 gallons of water, which gives you a Bordeaux mixture.

For apple trees there would not be much harm in using six pounds of copper sulphate and one pound of London purple to 200 gallons of water, but I would not risk it on grapes.

As stated above, I should prefer to use 12 pounds of copper sulphate, 9 pounds of lime and one pound of London purple for 200 gallons. This can be used with safety on all plants, and is far more effective than the other.

L. R. TAFT.

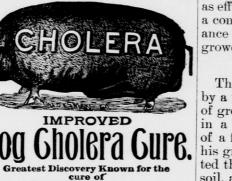
RED RUST.

Will spraying stop the rust on my blackberries, or must I uproot them. W. H. E.

When red rust appears in blackbottom out of an ordinary grain berries the entire plant affected bag and tack the edges around the should be removed and burned. hole in the wall. Loop a stout Sometimes it can be checked if cord or small rope around the other taken in time by cutting out the end and tie securely just in front shoots on which the rust has plants from frost has frequently of the horns of the animal to be appeared, but it is safest to remove

and a sprinkling hose are available. an opening at the bottom of one the spread of the disease to other

ener will find many ways of using water for this purpose. With irri-water for this purpose. With irriplantation with Borbeaux mixture, Hogs are sometimes troubled repeating at the expiration of ten



PIN WORMS IN HORSES. HUNDREDS OF THEM.

BoswarL, Ind., Oct. 13, 1890. Mr. G. G. Steketee :- Your Hog Cholera Cure, of which I fed two boxes to a yearling colt, brought hur breds of pin worms and smaller red ones from her she is doing splendidly. We believe it to be a goo medicine. WILLIS ROBISON. m her

Never was known to fail; the only sure remedy for worms in Hogs, Horses, Sheep, Dogs or Fowls. Every package warranted if used as per directions. Price, 50c. per package, 60c. by mail, 3 packages 51.50 by express, prepaid. If your druggist has not got it send direct to the proprietor, GEO. G. STEKETEE, Grand Rapids, Mich. I CHALLENGE ALL OTHER HOG CHOLERA REMEDIES.

Cured His Colts and Sheep.

Melette, S. D., Nov. 6, 1891. MR. STEKETEE: Dear Sir-I send you \$1.50 for which send me three packages of your Hog Cho-lera Cure. I have used it on colts and sheep and am well pleased with your medicine. Yours truly, A. D. BELL.

CHICACO and In effect Jan. 3, '92 West Michigan R'y

P. M

Indiana Railroad

No. 1 No. 3 No. 5 No. 7

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P. M.

P. M.

Favorite route to the summer resorts of North-ern Michigan. P. M. P. M. A. M. 1 26 8 06 3 27 2 55 9 25 5 00 Hartford, Lv..... Holland, Ar.....

Grand Haven 3 44 10 13 6 18 Muskegon 4 15 10 45 6 50

1:26 p. m. — Has Free Chair Car to Grand Rapids, connecting with 5:17 p. m. Free Chair Car to Manistee, 8:06 p. m. — Wagner Buffet Car to G'd Rapids. 11:32 a. m. — Free Chair Car to Chicago. 1:55 p. m. — Wagner Buffet Car to Chicago. Wagner Sleeping Cars on night trains to Chica-go and Grand Rapids. GEO. DE HAVEN, Gen'l Pass'r Agt.

CRAND RAPIDS and

GOING NORTH.

Cincinnati, Lv

Dec. 13, '91.-Central Standard Time.

Grand Rapids, Ar. Grand Rapids, Lv

Newaygo Big Rapids

Hartford, Ly_____ Benton Harbor, Ar.

Chicago, Ar

75

Mrs. Mary A. Mayo	Battle Creek Manistee, via M. & N. E.
Mrs. Mary Sherwood Hinds	Stanton Manistee, via M. & N. E.
Miss Mary C. Allis	
	Elk Rapids, Ar

Revised List of Grange Supplies Kept in the office of Sec'y of the

Committee on Woman's Work in the Grange.

St. Joseph New Buffalo Michigan City..... Michigan State Grange

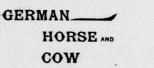
And sent out post-paid on receipt of Cash Order, over the Seal of a Subordinate Grange, and the signature of its Master or Secretary.

Porcelain ballot marbles, per hundred. \$0 7 Secretary's ledger Secretary's ledger Treasurer's orders, bound, per hundred Secretary's receipts for dues, per hundred Treasurer's receipts for dues, per hundred Applications for membership, per hundred Withdrawal cards, per dozen Dimits, in envelopes, per dozen 85 85 35 35 50 25 25 Dimits, in envelopes, per dozen. By-Laws of the State Grange, single copies,

10c; per dozen. "Glad Echoes," with music, single copies,

25c; per dozen Grange Melodies, single copy, 40c; per dozen Opening Song Card, 2c each; 75c per 50; 100_1 Rituals, 7th edition (with combined degrees), - 3 00 n 4 00 - 1 35

Digest of Laws and Realized for Roll books 15 Roll books 18 Sample package co-operative literature 18 Write for prices on gold pins, badges, working tools, staff mountings, seals, ballot boxes and any other grange supplies. Address MISS JENNIE BUELL, Sec'y Mich. State Grange, MARCELLUS, MICH.



POWDER

Is of the highest value to horses, cattle, hogs, and poultry. It assists digestion and assimilation and thus converts food into muscle, milk and fat which otherwise would be wasted.

MORTIMER WHITEHEAD Says: "Ger man Horse and Cow Powder pays many times its cost in keeping all kinds of farm stock in good health. I have used it for years on my farm, buy-ing a barrel at a time." It is manufactured by Dr. L. Oberholtzer's Sons & Co., Phœnixville, Pa., and sold at

Wholesale Prices-viz:

Barrels—2010s in bulk, 7½ c per pound Boxes —6010s in bulk, 8c per pound Boxes —3010—510s pack. 10c per pound

By ALBERT STEGEMAN. Allegan, Mich. THORNTON BARNES, No. 241 North Water St., Philadelphia, Pa.

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 2 & 00 \\
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a canopy of smoke over the field pests. to prevent the escape of heat by radiation from the ground. In blossoming of the grape vines are material that will form a dense smoke, like coal tar, is preferred for this purpose. A smudge is better than a bright fire because it makes more smoke."

Dr. Kedzie will be glad to send this pamphlet free to any one interested enough to send for it.

MICHIGAN PLANTS.

An economic catalogue of the plants of Michigan is now in press and will appear soon in the thirtieth annual report of the Secretary of the State Board of Agriculture. This work is prepared by Dr. W. J. Beal and Chas. F. Wheeler, and is a revision of a catalogue of the plants of Michigan by Charles H. Wheeler and Edwin F, Smith which was published in the report of the State Horticultural Society in 1880. Much new matter of an economic character has been added in the introduction which will commend itself to all persous interested in agriculture, horticulture, forestry, etc.

The following topics taken at random from the the table of contents will indicate the character of the economic part of this valuable work:

When water is not available for with sucorial lice. Carbolic acid days. The ground as well as the such purpose, advantage may be soap and kerosene wasnes are very plants in the particular taken of fire to ward off frosts; not roll in the fine dust of the road way attention. L. R. TAFT. such purpose, advantage may be soap and kerosene washes are very plants in the vicinity of diseased of air over a field, but by forming may be sufficient to destroy the

The biting or running lice are most troublesome to cattle and France the vineyards at the time of poultry raisers. The "little red farm hands in Russia says: best remedy for these posts.

Probably there is no better remedy day." than thorough fumigation followed by whitewashing. Pyrethrum or kerosene washes may be applied directly upon the fowls.

IS'RED CLOVER A BIENNIAL?

In response to an inquiry relative to clover being a biennial or a perennial plant we present the following answer by Dr. Beal.

In giving a correct answer, several points must be considered:

1. Is the soil rich or poor?

seed?

producing strong plants, or are we are young men. When we are they weak when going into winter? older it takes an effort to rouse it. 4. Are the winters and springs God wrestles with us in the dawnfavorable or unfavorable to the ing of the day.

FARM WAGES IN RUSSIA.

A writer quoting the wages of "As lice" occurring on cattle in the regards the price of labor, I may often preserved in this way. Any spring of the year belong to this say that wages ruled low last year group, When practicable, the ap- in Odessa, Tagaurog and adjacent plication of tobacco decoction or kerosene emulsion is good. Fumi-supply. The best prices paid were gation, however, is probably the in Astrakhan and Stravopol, namely, 38 cents per day, the man pay-There are six different species of ing his own board, or 28 cents per biting lice which attack our do- day, living at his employer's mestic fowls. Probably the best expense. The average wage per known however, are the common day in the southeastern provinces chicken lice which often find their was 28 and 26 cents, for men, and way into the best kept hen-coops. 21 and 15 cents for women, per

> No wonder these laborers wish to emigrate.

> The chief of the Agricultural division of the World's Fair declines to change the date of shearing sheep to be exhibited at the Fair in 1893, from April first to an earlier date, as asked by many sheep breeders. The date will be not earlier than April first.

Idleness gets the better of some; vice of others; and, in still more, 2. Are the tops kept moderately the cold air of the world throws short, or are they permitted to their noblest nature into a frozen sleep. It is only by an effort that 3. Are the autumns favorable for conscience can be drowned while

Fort Wayne, Ar Fort Wayne, Lv Kalamazoo, Ar Grand Kapids, Ar Grand Rapids, Ly Cadillac Traverse City____ Petoskey_____ Mackinaw, Ar ___ No. 2 No. 6 No. 4 No. 8 GOING SOUTH. Mackinaw City, Lv Petoskey. Traverse City Cadillac Grand Rapids, Ar Grand Rapids, Lv Kalamazoo, Ar Kalamazoo, Lv Fort Wayne, Ar

Fort Wayne, Ly _____ Richmond Cincinnati, Ar.....

Sleeping cars for Petoskey and Mackinaw on No. 3 from Grand Rapids. Sleeping cars, Grand Rapids to Chicago, on No. 4. Sleeping cars, Grand Rapids to Cincinnati, on

No. 4. Sleeping cars, Grand Rapids to Cincinnati, on No. 6. Nos. 1, 4, 5 and 6 daily sonth of Grand Rapids. All other trains daily except Sunday. C. L. LOCK WOOD, G. P. & T. Ag't, Grand Rapids. E. BAKER, Agent, Kalamazoo.

JUNE 1, 1892.

Us increase our subscrip

ask him to give you a

to us. We will then

send

Grange

Visitor

1893

to him until Jan. 1,

Notices of Meetings. the order; 12 M. Recess; basket

ST. JOSEPH POMONA.

hold its next meeting first Thurs-day in June, at Centerville Grange hell All members are requested hall. All members are requested er's relation to other callings, to be present.

MRS. HENRY COOK,

esting program is prepared, and Shattuck, Pontiac; Should we not a pleasant and profitable meeting have a graduated income tax? J.

NEWAYGO POMONA.

The next regular meeting of Song, America. All are invited. Newaygo County Pomona Grange No. 11 will be held with Hesperia sions. Grange No 495, June 8 and 9, 1892. This will be the last meeting of the county contest, and we expect the largest attendance and the most interesting meeting ever held in the county. The meeting will be public, and all are invited to attend. A. L. SCOTT, Lecturer.

A PICNIC.

Thursday, June 16, is the day appointed for Colfax Grange picnic at their new hall. All are invited to attend. If it is convenient for our State Lecturer to be present, we would be very much pleased to see him, or any others that may Detroit. avail themselves of the opportunity. Port There will be a meeting of the Pomona Grange in the evening. A good and profitable time is anticipated. Respectfully,

MRS. RICHARD NUGENT, Sec. Wadsworth P. O.

TRAVERSE DISTRICT POMONA.

The next meeting of Traverse District Pomona Grange No. 17, will be held with Summit Grange, at Summit City, June 8 and 9, 1892.

Sister S. E. Wiley will deliver the address of welcome, which will be responded to by Bro. L. M. Tompkins, Master of Pomona.

An open meeting will be held in the evening, to which all are cordially invited. Music will be furnished by Summit Grange, and the following exercises also given :

Papers: The Farmer's Home. A. S. Dobson; Does It Pay? E. H. Allyn; The Farmer and the Schools, F. C. Warner; Good Cooking Essential to Happiness, Mrs. Isabel Kingsley.

Discussions: The Dairy Question, Geo. Hargraves; The Democrat, the Republican and the Third Party, William Rose.

lunch; tea and coffee free. Public session, 1:30 P. M.; St. Joseph Pomona Grange will addits novt mosting first fills Thomas Mars, Berrien Centre, Kent County Grange No. 18 is invited to convene at Cannonsburg Grange Hall, on Wednesday, June 8, at 10 o'clock, A. M. An inter-esting program is program is program is provided in the self in mathematical self in mathe Master of State Grange; song, C. a pleasant and promable meeting is expected. A large attendance from all parts of the county is specially desired at this meeting. Have a graduated income tax. U. School duch. - *Adm's Hork.* "What do you do when a woman asks you to guess her age?" "I guess my guess to myself, knock off thirty per cent, and generally come near making myself elected? J. M. Norton, E. L. Richmond, Wm. Satterlee, Birmingham;

NOW AND THEN.

The new name for the man who throws a banana peel on the sidewalk is a banan-archist.—*Texas Siftings*.

At sea-She-"And why is a ship called 'she?'" Aye, ma'm! because the rigging costs so much."-Judy.

her husband is the wisest man who ever lived, you find one who hasn't been to

should United States Senators be elected? J. M. Norton, E. L. Bich-adored."—Harper's Bazar.

Mrs. Van Ogden-Oh, we poor women! We have to ask for every cent we get. Mr. Van Ogden-That's where you are lucky; we men would be mighty glad to get it by asking.—Smith, Gray & Co's Monthly.

Bertha breaks her doll, and it is sent

rite," she explains, to facilitate the search.—Le Figaro and Evening Post.

when she sees her pet dog smell of that rabbit she'll buy it.—New York Weekly.

"My darling," said the ardent young chemist, "you are worth your weight in pure iridium." And she felt just a trifle uneasy about it until she made inquiries next day, and found the dear, foolish fel-low had approximate here the similar del

low had appraised her at six million dol-

NATIONAL EDUCATIONAL ASSOCI-

ATION.

lars and some odd cents. Puck.

NEWS NOTES.

MICHIGAN.

Mrs. Custer has been in Detroit. W. C. T. U. convention in Detroit. Congregational council at Jackson. Condensed milk factory at Howell. Fumigation at Agricultural College. Lapeer public school is on the diploma list.

Lansing business men are booming the city.

Hon. H. A. Beecher of Flushing is dead. Northville Keeley institute goes to Yp-

silanti. Mt. Clemens wants a shore road from

Port Huron bicylists pay \$1 per year tax apiece

Bay City hopes to have a circle of electric railways

Joseph Dunnebacke of Ypsilanti dies of glanders.

James Clark of Hunter Creek was killed by the cars. Meeting of college Republican clubs

The National Educational Association is the largest assembly of its kind in the world. Its 20th session meets this year at Saratoga, July 12-15. Michigan teach-ers have arranged a delightful trip on this occasion. The route takes in Toron-to, Thousand Islands, Rapids of St. Law-rence, Montreal, Lake Champlain and Lake George to Saratoga, and return by was a big success numerically. State encampment of militia will be held at Brighton, August 18-22.

Henry R. Pattengill is mentioned as Republican candidate for Superintend-

ent of Public Instruction. Field day at Agricultural College June 2-4. Olivet, Hillsdale, Albion, and the

Normal will be represented.

NATIONAL.

Lake George to Saratoga, and return by Albany, Rochester, and Niagara Falls. The cost of the round trip is but \$16.34. Tickets good to Oct. 1, and stop-over al-Mrs. Harrison continues very ill. lowed at several points. The excursion is not confined to teachers. Any desir-\$2,000,000 and 40 lives lost by floods at Sioux City.

ing further particulars can get them by writing D. S. Wagstaff, Detroit, Mich. Prof. J. G. Schurman is now president of Cornell.

The National Miller's Association met in Chicago.

Dr. Briggs will be tried by the New York presbytery.

Dr. Young of Kentucky is moderator of the Presbyterian assembly.

Big fire in Oswego, N. Y., among the large elevators on the water front. The Department of Agriculture has

issued a report on the wages of farm laborers in the Uited States. Gen. Miles thinks bicycles

tion about June 15th of the NEW ROUTE. extension from Traverse City to Petoskey and Bay View of the Chicago & West Michigan Railway will open a new and popular route to the Northern Michigan Summer Resorts. The new line will be up to the high standard of the C. & W. M. and D., L. & N. system,

Any Subordinate Grange

Sending in at one time a list Ouarter

to THE GRANGE VISITOR

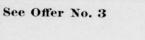
during the month of May,

Doesn't Keep Anything.—Scribbler— I lent the editor my umbrella a few days ago, as he forgot his, and it looked like rain. Tomson—Has he returned it yet? Scribbler (sadly)—No; but he will; he returns everything of mine.—Truth.

New 1893

20 Cts For

For Each Subscription



Have you a Syster

or a

Cuzzin

Any SUBORDINATE GRANGE.

May

Years

Friend.—What on earth are you doing tary of the Grange, can have The

under the seal of the Secre-

with that picture? Great Artist—I am rubbing a piece of raw meat over this rabbit in the foreground. Mrs. De-Shoddie will be here this afternoon, and

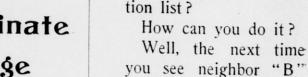
out to be repaired. A few days later Bortha goes to the store after it, but it cannot be found. "Her name is Margue-ite" of TEN SUBSCRIBERS or more

So that you can send it

May

Offer

No. 2



Recitation—Mrs. Etta Lackey. Recitation-Miss Laura Wiley. Poem—Phillip Rose.

E. O. LADD, Lecturer.

HILLSDALE POMONA.

Hillsdale county Pomona Grange will meet with Adams Grange on Thursday, June 2, at 10 o'clock, sharp. The morning session will lost. will be presented, as requested by Adams Grange. Fourth degree Cleveland is meeting opposit enthusiasm seems worn out. The Methodist general co quotation from some American author.

Gilbert Travis; Our Army and Navy, E. Casky; declamation, Arthur Taylor; America's Future, Electa D. Nokes; Rehearsal, Mary Carter; music, America. MRS. E. D. NOKES.

D. AND B. C. COUNCIL.

D. and B. C. Council, P. of H., will be held in town hall, Rochester, on Thursday, June 2, 1892. Called to order at 10:30 A. M. All fourth degree members are cordially invited. Program: Usual order of business. Reports from different Granges. Suggestions for Good of

able for military work. A relay race was run from Chicago to New York, over the scenic line of Michigan, running as fearful roads.

that coming thunder storms can be announced by telephone.

Wellington, Kansas, a town of 10,000 people, was struck by a terrific cyclone. Hundreds of buildings are wrecked or damaged. It is thought that 50 lives are

Edwards; response, Worthy Master to the constitution: "Neither Congress Edwards; response, Worthy Master Haughey; music; the Discovery of ing any establishment of any religion or America, Mrs. H. Hunker; Amer- prohibiting the free exercise thereof or ica's Advance, Wm. Hunker; reci-tation, Fena Kilburn; America's Resource, Herbert W. Mumford; Michigan's Resources George Ed Michigan's Resources, George Ed-wards; music, Brother and Sister wise any church religious denomination, Haughey; Our National Patriotism. religious society, or undertaking which WANTED is wholly or in part under sectarian or ecclesiastical control.

FOREIGN.

Virulent cholera is raging in Egypt. Our pork is now admitted to all parts of the world.

Reported that 1,200 lives were lost in a hurricane at Mauritus.

Anti-christian disturbances in China. Balfour's Irish local government bill passes its second reading

The King and Queen of Denmark celebrate their golden wedding.

are practic-which will be a special feature, it will it does along the shores of lakes and The national weather bureau will en- rivers for more than forty miles, passing the national weather bureau will en-deavor to provide for Michigan people so that coming thunder storms can be an-nounced by telephone. Wellington, Kansas, a town of 10,000 people, was struck by a terrific cyclone. sort and to which it will be the only all rail line. Elk Rapids is also reached by a short branch from Williamsburg. be devoted to Grange business and good of the Order. At the after-noon session the following program will be presented, as requested by will be presented, as requested by Adams Grange. Fourth degree members specially invited. Let every Grange in the county be prepared to respond to call by a granter to from a special by a close the special content of the special repared to respond to call by a notation from some American thor. Music; welcome address, Bertha dwards; response, Worthy Master

To Canvass for

or an Ant

who lives in Maine

or somewhere in the East; or in

Texas

or somewhere in the South; or in

California

or somewhere on the Pacific Coast?

Well

if you have, don't you want to send one of them

The Grange Visitor until Jan. 1, 1893 for

25 cents?

sending in at one time a list of ten or more Subscribers to

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under the seal of the Secreretary of the Grange, can have the paper until

January 1 1894 for 60 Cts

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Weekly Free P	ress		-		-		-		\$1	00	\$1	25
Detroit Weekl	y Tri	ibt	ine	3		-		-	1	00		25
Cosmopolitan	Mag	az	ine		-		-		2	40		50
St. Louis						-		-	ī	50		35
Demorest's	**				-		-		2			05
Michigan Farm	ner			-		-		-	ī	00		35
Farm Journal	-		-		-		-		-	25		70
Farm and Gare	len	-		-		-				50		80
Atlantic Month	hlv		-		-		-		4	00	4	00
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