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

VOL. XVII, NO. 18.

LANSING, MICHIGAN, SEPTEMBER 15, 1892.

WHOLE NO. 402.

HOW TO IMPROVE ROADS AND ROAD LAWS.

HON. WM. L. WEBBER.

Drainage.

If you fill a barrel with earth, level full, and then pour water upon the earth until it is saturated so that the water will run over the surface of the barrel you will find that the earth in the barrel is softened by the water. Now, if you bore a hole in the side of the barrel one-third the distance from the top the water will run out, and there will be left in the earth only so much water as is held by capillary attraction, and the earth will settle and become solid. Bore a hole in the bottom of the barrel and the entire contents will settle, all the water will be drained out, except such as is held by capillary attraction. Now, apply this practice in road making. If you have a ditch on both sides of your roadway, which stands with water perhaps half full, then the roadway in its bottom is saturated through to the line of the water extending from ditch to ditch, and is soft. Let road makers remember that water will always run down hill-if you give it a chance—the smoother the passage the faster it will run. Therefore, tile draining of roadways should be resorted to wherever necessary to ensure drainage, and road beds should be drained in all places where the sub-soil is clay or packed, so that the surface of the road will have no standing water under it to a depth of at least three feet. With good drainage heavy rains pass off at once, and do not saturate the road bed. With good drainage





expense, usually under the direction of a board of public works, and it would be well to provide that each county should have its "Board of Public Works," or, if you please, "Commissioners of Highways," who should have the general supervision and direction of the engineer, with authority to direct improvements; and put the control of the highways of the county into the hands of this board, to be handled upon a business basis, and with the intelligence which the experience of Europe and the older sections of this country has given us.

STONE ROADS

In many sections of the State field stones are abundant. A good roadway can be made by excavating a trench, say eight to ten or sixteen feet wide and six inches deep, gathering these stones and placing them carefully on end, with the big end down, and then with gravel or clay loam, or such other material as is accessible, level up to grade. This gives you a sub-structure which is permanent, and below which the wheels will never go; and, if the surface dressing is of proper material, and if the drainage has been well attended to, a road once well made in this manner would last for succeeding generations as a good road, and would permit two or three times the load to be drawn over it with the same power that can be drawn over the ordinary roads of the country now.

Roads—Let us talk about some of these really important topics rather than wrangle over questions whose discussion is always of doubtful utility—Selected.

and reasonable attention to keep the surface smooth the ordinary earth road can be very much improved. There are very few places so level but what good drainage can be secured, and there is no one word which should be so thoroughly impressed into the minds of all connected with the making of roads, as the word "Drainage," thorough drainage, deep drainage.

#### HOMOGENEOUS.

Another suggestion to road makers: Never shovel sand into a clay hole, nor black muck. Homogeneous materials will unite, but if you fill a hole with sods or other material that will not adhere to the material already there the hole will be dug out again by the wheels at once. I have known many roads repaired in such a manner as to require at least six months travel to make them as good as they were before the repairing was done.

#### LEGISLATION NEEDED.

To secure best results our whole system of road making and repairing should be changed. Our present system was inherited, and it was an inheritance which has proved disastrous. The system arose from the necessities of a wilderness, necessities that no longer exist. I would recommend that there be a constitutional amendment, which would make every county a road district by itself, and provide for the selection of a competent engineer, under whose executive management the work of making and improving highways should be carried out, abolishing all road work. There is no city now that improves its streets and highways on the theory of road work and highway districts; it is done by general taxation, at general



#### Field and Stock.

SILAGE FOR SHEEP.

FRED B. MUMFORD.

There seems to be an impression among many farmers that silage is not a desirable food for sheep. How this opinion may have been formed it is impossible to say. Like all other new processes silage has had to overcome the doubtful conservatism of those farmers who were willing to work along well established lines of agricultural practice. These doubtful ones finally conceded it to be a most excellent food for cattle, but held that it should not be considered of any value for horses, sheep and swine. As time went on enterprising farmers found that silage was not only a safe food for these animals, but an economical food as suitable for horses, sheep and swine as for cattle. At the present time there can be no possible doubt of the great value of silage as cheap, nutritious and safe food for sheep. It is especially valuable for breeding ewes. Those engaged in rearing winter lambs are often at a loss to furnish food for the breeding flock which shall not only keep the animals in proper health and condition but which shall at the same time induce a large secretion of milk. Prof. Cook in his valuable book on "The Silo and Silage" says, "I find my sheep never did so well as since I have given them silage." Speaking of a prominent sheep breeder of the east he says, "Mr. Woodard finds it superb for his ewes that are suckling lambs." The lambs soon learn to get the silage and are soon able to procure a large part of

their sustenance in this way.

The writer is personally acquainted with a large number of farmers in Michigan who are enthusiastic in their praise of silage as a most excellent food for all

classes of sheep.

An experiment conducted at the Michigan station during the winter of 1891-92 very clearly demonstrated the value of silage for fattening lambs. In connection with other trials, 8 lambs were fed on silage for a period of 6 weeks: 8 other lambs were fed on silage for a similar period. The average feed consumed and gains made are computed and arranged in tabular form in Bulletin 84. The average amount of food consumed by each lamb was 1 pound grain (bran and oats)  $\frac{4}{5}$  of one pound hay and  $4\frac{2}{5}$ pounds silage. This ration produced a gain of 21 pounds per week for the entire period. Estimating the food at current prices the profit on each lamb was \$1.32. If this can be done when all food purchased at cash prices, and own food materials. The silage in this experiment was estimated at \$2.50 per ton. Our largest growers of silage are positive that they can put corn in the silo for from \$1 to \$1.50 per ton. Prof. Cook, who has had large experience in this matter, says it costs less than one half the above amount. There is money in the silo.

Agricultural College.

#### STRAWBERRIES-THIS SEASON'S VARIETY TEST.

I. A. WOOLL.

been quite a satisfactory one; for extent, at least. Wilson is an ex- pound, whether it be comb or ex- would take it two years to produce sults of a feed trial show: although prices have ruled rather cellent pollenizer for Warfield or tracted. This one rule that I seed, while the bird rape rapidly low yet the crop of strawberries any other early sort. was simply immense in point of yield and size. The long continued riety has been sufficiently tested to rains during the blooming and developing season seemed well calculated to bring them as near perfecthealthy grower and very producttion as other circumstances would permit. Our crop of this fruit was about 260 bushels which sold at an plant largely of it. average price of about \$1.25 per We paid one cent per quart for picking, with the exception of the last two or three pickings, for which we paid extra on account of their being more scattering and pickers had become somewhat tired. We have three considerable fruit of good size and justice of this rule to such an expect to the vitality in addition, cheaper, for the lambs of the seed of the bird rape. The so fed made 100 pounds gain at a justice of this rule to such an expect to the vitality in addition, cheaper, for the lambs of the seed of the bird rape. The so fed made 100 pounds gain at a justice of this rule to such an expect to the vitality in addition, cheaper, for the lambs of the seed of the bird rape. and one-half acres in bearing, quality. Plant a good grower and tent that I have discarded the sev- ion that the seed is easily destroyed, getting the cottonseed ration made which were set not especially for early. fruit but with a view to furnishing plants for our trade, which has be- sent us from the introducer have nearest to a pound of any we have, extent similar to mustard in regard come quite extensive. This would made a good growth and show yet I frequently get orders for the to the vitality of its seed. From to Grand Rapids, the week of Sept. 19th make the yield about 75 bushels some desirable features. Not yet narrow section with the claim that what I can learn it seems to me to to 24th. Single fare for a round trip per acre or a little over. We had fruited by me. Hope to be able to they bring just as much as the be the best plan for those who ticket. A chance for every one to go.

the above amount and many others season. which probably did not yield more select varieties especially for fruit- but highly spoken of by Pres. Ly- pocket books. not be allowed to root so thickly Not fully tested here. as when grown with a view to securing plants.

season just passed may be relied soms perfect. upon as correct according to our

firm enough to bear shipment well.

have. Season early. tiful long shaped berries nearly to tillate sorts and is quite productive the middle of the space between of large bright crimson berries. committee brought before the conrows. It is rather soft for distant Sometimes has white tips. Plant vention a set of rules that were ber and Fultz varieties of wheat shipment; of good size and quality a rank free grower with beautiful adopted, and here they are: and for a near market has few light green foliage. equals.

variety. Foliage strong and heal- Prolific, are all well tried varieties of all four sides, both wood and rust-resisting variety. thy with a large leaf free from rust. some value as pollenizers and for combs to be unsoiled by travel-Fruit large, double, flattened at the point; holds its size well through rieties are in every way superior. sealed, and the honey of uniform ising recently introduced varieties. the season and presents a very attractive appearance in the basket. and moderately productive of long-Quite productive; a very desirable market sort.

Jessie.—Plant resembling Buas productive as could be desired. growth, and judging from the few honey of uniform color, the above three varieties.

trial in every garden. Michel's Early.—This much further trial. lauded variety has disappointed us in nearly every point claimed for Garfield and Belle of La Crosse, it; is but very little earlier (if any) are of no value here and we shall But you ask me to be short and wheat during the past three years, than Warfield. Small size; poor discard them. quality, and unproductive. Howto do well.

the ration made up largely of silage Texas. Plant a large thrifty grow-Parker Earle.—Originated in ess, Warren, Old Iron Clad. handsome profit by producing his own food materials. The silage in berries of good quality; form re-sembling Haverland. We shall plant largely of it in the future.

Gandy.—An excellent late variety; large size, fair quality, not but worthy a trial in every strawberry plat.

standbys and have given better your own conclusions. satisfaction over a larger range of territory than any other old varieties in cultivation, but they are own resources, and while the rules to the rape seed that many, both that I might adopt would suit me, in the United States and Canada, soda or dried blood. likely to be superseded by some of I know there are those that would have sown this season, and the in size and quality, and equal in them. The berry season with us has come and gone, and taken altogether has continue to plant them to some honey should be sold by the bird rape maturing in their fields.

In the first place I think all bird rape maturing in their fields. honey should be sold by the The fodder rape is a biennial; it

Bedder Wood.—This new vawarrant its recommendation as a market variety. Plant a strong ive of fair sized, bright-colored berries of good quality. We shall

Great Pacific.—Plant and fruit resemble Sharpless. A strong lux-

Lovel's Early.—Plants of this

Moores

Glendale.—Plant a fair grower color. shaped berries of rather poor qual-

bach. Fruit very large, good qual- of these two varieties were set this wood and comb unisolated by trav- secured from wheat sown Septemity, sometimes has white tips. Not spring and are making an excellent el-stain or otherwise, and the ber 20, over other dates of sowing. Is a strong staminate variety and berries allowed ripen this searequire further testing.

tory with us, but shall give it containing two or more colors.

Elsie, Mich.

GEO. E. HILTON.

You ask me to write under the above caption. Had you asked me

remember the golden rule, and to plow it under without delay. Gem.—Another new variety of think more of the brother we are

a selection from the following list Experiment Station, Jan. 1892), our grocers with cases to sell from smaller and of a brownish tinge. that would more than double the where it is pronounced exceedingly and I weigh and mark every sec- while the fodder rape seed is a above yield. They of course would promising as a market variety. tion of honey before it leaves my deep black. As most of this rape Enhance.—A decidedly promisisection is plainly marked upon it, has been put in in small plots it ing variety of large size and exceland I am glad to say that our deal-would hardly be advisable to take The following descriptions of lent quality; quite productive; a ers follow so closely in line, that the trouble to harvest the crop and varieties tested with us during the very desirable new variety; blos- when they buy of others they secure the seed. When harvested Prolific.—A large, and I can vouch for one town that to that of flax, for the seed is very best judgment; but of course we cannot say that the varieties which do best with us will be the best large, beautiful berries, well up above will apply to all grades of and tramped out. As the pod flies for all locations and circumstances, as the same variety will vary in pleased with this sort, and shall think we should consider the matpoint of productiveness, quality and firmness, in different localities Atlantic.—This now well tested spoiled, and the reputation of It is greatly to be deplored that variety, has not received the atten- many a producer ruined, because this mistake has occurred, for it Warfield's No. 2.—This com- tion it merits. The plant with us he did not grade his honey, but will be a serious impediment to paratively new variety has given is a good grower, having a very honey that should bring twenty the progress of the fodder rape. us the best satisfaction of any on bright waxy appearance, and an cents per pound is placed in the In Canada and in our country our grounds, all points considered. abundant bearer of beautiful long- same case with honey not worth great quantities of this seed have ten cents per pound, and I fear the been sown, and the direct loss wonderfully, completely covering the appearance of having the ground when allowed so to do. been varnished. Season late, giv- glass. At the Northwestern Con- of the direct injury that has been Fruit of good size and of a beauti- ing us beautiful berries after other vention at Chicago last fall I done to the fodder rape. ful dark red color; good quality and varieties have grown small in size. was one of a committee appointed Beebe.—Plants of this variety to draught or formulate a set of The most productive variety we received from New Jersey the past rules for the grading of honey. I season in rather poor condition, are think we met three different times, Haverland.—This is another of making a fair growth of plant and and finally agreed that we could versity agricultural experiment the newer sorts that has come to a few specimens of fruit allowed to not agree, as the rules that were station contains information of instay. Plant a thrifty grower and mature were of good size and qual- suitable to one locality were not to terest and importance concerning bright healthy foliage with long leaf stem and the fruit stems seem Monarch of the West.—This is of three represented as many following are some of the points to hand out a great cluster of beau- an excellent pollenizer for the pis- states you readily see the trouble. of importance, as given in the

However one member of the bulletin:

uals.

Chas. Downing, Cumberland, well filled, combs straight, of even thickness, and firmly attached to amber surpasses Velvet chaff as a

Second grade.—All sections well of seed sown per acre have given filled, but with combs uneven or the most satisfactory results. ity. Season late. crooked, detached at the bottom, Wolverton and Sadie.—Plants or with but few cells unsealed, both a higher average yield has been

makes an excellent pollenizer for son are exceedingly promising but wood or comb, or both, travel- return than constant grain cropstained or otherwise much soiled, ping. Eureka.—A bright free grower and quite productive of large beauductive of rather small berries of fourths filled with honey, whether nure and fertilizers to a worn soil tiful berries. Well worthy of a fair quality; not entirely satisfac- sealed or unsealed; and crates growing corn and wheat alternate-

quality, and unproductive. However, in some localities, particularly here and discarded as not worthy est and sell by the same rule you 8. The use of hot water or coperation of the same rule is a same rule of the same rule of t in the south near its origin it seems of cultivation are Manchester, Jer- would be willing to purchase by per sulphate failed to destroy the sey Queen, Piper's Seedling, Duch- were you a consumer instead of a spores of loose smut.

producer. Fremont.

#### A MISTAKE IN THE VARIETY OF RAPE SEED.

adopted by the different conven-Crescent and Wilson are the old adopted by the different conven-tions, and you could have drawn John A. Craig of the Wisconsin 12. In As it is you place me upon my made by some seedsmen in regard plant, sulphate of ammonia gave the newer varieties named at the not adopt them, because they could consequence is that a great many nitrate were slower to mature than head of this list, which are superior make more money by discarding who were desirous of trying the the others, these also suffered more fodder rape have now a crop of from rust than did the others. adopted when I first commenced selling honey, in putting up my comb honey by the case. I used months from the time sown. It is mixture of cottonseed meal and a printed label on each case, giv- safe to say that any rape sown the corn meal. ing the weight of case, the gross past spring that is in flower now, weight, and the net weight of the or shows signs of flowering, is made a greater gain than those honey in the case. Now these bird rape and not the fodder rape. receiving the cottonseed mixture. cases hold twelve two inch sections The bird rape is useless as a fod- During the ten weeks' trial the or fourteen seven to the foot sec- der, for the plant grows a long lambs fed the oil meal ration each tions, and in either case they will stock with few leaves and the made a weekly gain of 3.30 lbs., average about eleven pounds net former is hard and tough.

of honey, so you see the unfairness I have made careful inquiry ration each week made a weekly of selling them for fourteen or among Canadian seedsmen and I gain of 2.95 lbs. even twelve pounds, as is in many find that there is a difference of 3. The oil me cases, and in perhaps the ma-opinion in respect to the vitality in addition, cheaper; for the lambs early.

Weston.—Plants of this variety

en to the foot section, and use none but the two inch, as this comes the tells me that it is to a very slight 3½ c per lb.

many varieties that yielded twice report fully on this variety another wide ones. May God help us to have this crop on their hands to

The bird rape is grown by a few than one-fourth of it. If we could great promise not fruited by us, selling to, and less of our own for the seed, which is retailed by seedsmen as bird feed. The seed ing without any regard to plants on and others. (See tabular report for our plant trade, we could make of Bulletin 80 from Agricultural to set the price myself. I furnish of the bird rape differs from that it is honey house, and the price of each which has been sown by mistake weigh and mark in the same way, the crop is handled very similar

#### WHEAT AT PURDUE.

Bulletin 41 of the Purdue Uni-

have been grown for nine years on First grade.—All sections to be the University farm, and rank in

2. Red Clawson and Jones's 3. For eight years, six pecks

5. Judicious rotations, includ-Third grade.—Sections with ing grass, have given better

ly, have given paying returns.

further trial. Well that looks well on paper 7. The average results of all cloud Seedling, Porter, Mrs. and in some localities it could be the experiments at this station in conclusion will say, the best in full or two-thirds doses, have

9. Bunt or stinking smut in wheat was successfully destroyed by using hot water or copper sulphate.

10. Early and late harvesting of wheat had practically no effect on yield or weight of grain.

11. Yields of grain and straw Inasmuch as some Michigan were considerably reduced by as productive as would be desirable the rules for grading honey I farmers may have rape growing mowing wheat on certain plats in could have copied the rules as we reprint the following from the spring, to check rankness of

12. In comparing forms of nitstation: "A big mistake has been rogen for fertilizing the wheat

13. As the plants fertilized with

At the Wisconsin station the re-

1. For feeding lambs, a grain

2. The lambs fed the oil meal

3. The oil meal ration was, in

Cheap, Indestructible Paints for

BARNS AND OUTBUILDINGS.

OFFICE: 243 Plymouth St., Brooklyn, N. Y.

INGERSOLL'S LIQUID RUBBER PAINT.

Cheapest. WRITE US AND SAVE MONEY

Ten Thousand P. of H. and Farmers testify they are Best and

ASSEMBLY OF THE PRIESTS OF FROM THE "SWAMPS" OF LENA- since we tried this sort of thing

Order of the Patrons of Husbandry.

OFFICE OF THE ANNALIST, 514 F STREET,

sixth degree.

Applicants will carefully note the following.

Who are entitled to the certificate:

1st. The seven founders of the order.

2d. All those who have received the seventh degree heretofore, and the interest and insurance that ments can float gold, silver and paid the fee.

of the high honor it represents, and as a work of art has no superior in its symbolic and emblematic ordinate Grange is the foundation round; the stamp affects its value instructions and is worthy the home of any Patron.

by the assembly.

All applications for this degree should be filed with N. J. Bachelder, East Andover, Merrimack county, New Hampshire.

Fraternally, LEONARD RHONE, JOHN TRIMBLE, High Priest. Annalist.

### INGHAM POMONA PICNIC.

Grange. In a pleasant grove, near have learned that if the silver in a selling them all out of the land. the center of the county. A large dollar is only worth 70 cents it is number of Patrons and farmers because the stealthy demonetizing assembled, prepared to enjoy a day of the eighteenth century the assembled, prepared to enjoy a day of the eighteenth century the average weight of fat steers in the students limited. Opens September 15, 1892. For a dollar except for its equivalent it. London and Liverpool markets was French, B. A. number of Patrons and farmers because the stealthy demonetizing its own silver and parts with never average weight of fat steers in the of recreation free from the care They have also learned that the has some control over its price but only 310 pounds net. Half a cenand labor of farm life.

called to order and the program is not worth a dollar, and that with for the day was taken up. The free coinage of silver the silver out government stamps it one dollar there is a growing tendency to forenoon session was occupied by of dollar would be worth a dollar." and hands it back to him. What is smaller rather than larger weights recitations by members of the different Subordinate Granges inter- free coinage of silver the silver minute for 30 cents in gold and recognized that choice steers have spersed with music furnished by dollars would be just as valuable gobbling all the gold in America if been kept too long and fattened to the Dansville band and the White as dollars now are, would cost as the mint keeps running? Then the an unprofitable extent, and the Oak Grange choir. Preparations much, sell for as much, buy as silver dollars have cost nobody but tendency now is to slaughter cattle for dinner followed, and culinary much? Then who would be gainers 30 cents in gold. What power on at an earlier age and without such

ers of the afternoon, A. J. Crosby, the 371 grains of silver in a dollar they would float together one hour State Lecturer, Mrs. Mayo, Chair- costs 29 cents on the average. We after a free coinage law passes? man of the State Grange Commit- collectively buy this at 70 cents Has not the Grange been unfortuntee on Woman's Work, and Presi- and coin it into dollars and we col- ately misled, or does Mr. White- have much use for the heavy breed dent Clute of the Agricultural lectively make over six million head misrepresent their intelli-College, addressed the audience on dollars per year by the means. By gence? subjects of interest.

Mr. Crosby spoke on "Co-oper- sent this sum to the miners. ation among Farmers," urging them to unite for mutual protection. Will only be of their own intrinsic

influence for good or evil.

work and the benefit derived there- one of them for every bushel of young are to be found in the en-

by R. L. Hewitt, after which the even more readily and rapidly? literature is so clearly imaginative Michigan Fair, at Grand Rapids, Sept. program was declared completed. Merchants would sit up nights to that no healthy-minded child mis- 21st, will be Woman's Day. The Equal

success, and all present had occa- in stock. Does the farmer have drawn from it. For my part, I an interesting programme of speaking, sion to congratulate themselves in the same privilege, or does he wait should rather trust the morals of vocal and instrumental music. Mrs. being privileged to attend a meet- until all other goods have long the young to the most improbable Martha Strickland, of Detroit, and ing so pleasant and profitable.

SECRETARY.

WEE.

during the twenty-sixth session of that are talented in music, in reci- is the most efficient? the National Grange, to be convened at Concord, New Hampshire, on Wednesday, November tation and oratory; many good, easy readers, that when they come across a good thing in the papers, lay it exide and take it to the the 16th, 1892. The work is assigned for Friday afternoon, 4 Grange to be sandwiched in with the value promised. Do you owe o'clock, and Friday evening at 8 the other good things; a few good debts more than 14 years old? o'clock, November 18th. The cere- essayists, and few if any but that Every debt incurred within the monies of conferring the degree will take place in White's opera can get up and express themselves intelligently on the various questions of the various questio house. Members who have re- tions of interest that come up for as a body wish for legislation to ceived the sixth degree, or degree discussion. And it would be a poor enable them to cheat? I trow not, of Flora, are entitled to this degree, stick of a Lecturer that couldn't but whatever their purpose there upon the payment of one dollar, get up an interesting program, for can be little question that they and accompanied with a certificate bear a more intelligent, willing, earnest the laborers would be the sufferers ing name of applicant, residence, set of Grangers would be hard to from the scheme they advocate. town, county and State, and time standard wee county, but that would sound danger is impending. Labor bears too tame, so I'll say in the State of the brunt. Michigan, and as Michigan stands pretty well to the front as a Grange that silver dollars under free coin-State in the union, you can form age will be just as valuable as now a pretty accurate estimate of the or else of a different value. Perhaps rank Working Grange 509, holds you believe that by some inscru-

must be paid, and the improve-ments that we would like to make, of them cheaper than now when 3d. All who have heretofore received the degree and present their make us feel that the State Grange is a "greedy old monster" to gulp now when you part with them. 4th. All those who make applidown all of our initiation fees. As Please remember, then, that 25 cation, fee accompanying the same, for our Grange the old order of grains of gold with or without our and are accepted by the assembly; fees was much the better, and I stamp or legislation, with the no free certificates will be issued. believe it the same with most Substamp of any government on earth, 5th. The certificate is worthy ordinate Granges, especially if they with the stamp of Julius Cæsar, are in debt or anticipate getting a dead 2000 years, or with no stamp, home of their own. As the Sub-still has the same value the world of the State Grange it seems that not a whit, it merely certifies to its its financial basis should be a solid weight and purity. The same 6th. This will probably be the one. "Howsomever" this is only would be true of silver under free grandest degree meeting ever held the opinion of some of Lenawee county's swamp Grangers, least of whom is

ADELINA H. KELLOGG, Lecturer.

THE GRANGE AND SILVER.

ago they learned the lesson that in California gold dollars were August 19, the date appointed for the Grange picnic, marked an unusually pleasant event in the list of the Grange picnic for all the products they be and dear money meant lower prices for all the products they are described in the products the product the products the products the products the products the product the products the prod

delicacies disappeared in the usual by free coinage? The farmers earth can ever make them worth one an excess of low-priced fat. This would certainly get no more of hundred? Change the figures to seems the common-sense view of At 3 P. M., the Worthy Master them than at present. Just now again called to order and the speak- it is said that in the leading mines Does any thinking man believe free coinage we would simply pre-

Mrs. Mayo chose the subject of value—a cheap money—taking "Rural Homes," picturing their three of them, more or less, to pay for a bushel of wheat and all other relating to nursery literature, the Pres. Clute spoke concerning things in proportion? Then indeed writer says: the "Agricultural College," its would we get good prices. Even The best results of fiction for the wheat would be a treat, but does richment of the imagination, not A short time was also occupied not Mr. Whitehead know that the in the cultivation of the moral facin a general talk on "The Grange," things we buy would rise in price ulties; and the genuine nursery

that the farmers have forgotten that farm products are the last of EDITOR GRANGE VISITOR—Have all commodities to rise in price. just returned from one of our in- The advance in real estate comes teresting Grange meetings. Work- later and last of all an advance in The assembly of the Priests of ing Grange No. 509, always has the price of labor and then comes Demeter of the Order of the Patinteresting meetings, or at least the crash. Was not Daniel Webster rons of Husbandry will confer the I've never attended one but that to right: that of all devices for deseventh degree or degree of Ceres me was a treat. We have members frauding the poor a cheap currency

But perhaps you cannot reason in these United States of America. table power government by free We are in debt some on our hall, coinage and legal tender enactcoinage.

nation has tried it. Every old to contemplate the ingenuous deman can remember when we offered pravity of the wicked uncle in The coinage to both alike and silver Babes in the Wood than to imbibe being cheaper there was not a from the latest, most improved ficdollar in gold in circulation. Any tion the insidious poison which In the Visitor of Sept. 1st we man would be a fool to use a dollar makes him critical of his own parare told by Mr. Whitehead that as a dollar when he could sell it ents' disciplinary methods with "The farmers in the Grange have for \$1.10 and buy a cheaper dollar him, because they differ from those steadily advocated a larger amount to use. Old men remember too, of an ideally charming mamma in of money per capita since years that after the discovery of gold a story book?

A STUDENT.

## NURSERY LITERATURE.

In an article of the Contributors' Club in the September Atlantic

is offered him? It is not so long hateful narratives of real life in crowd.

# Including one Year's Subscription to this Paper

We have made such arrangements as enable us to offer the Chicago

#### SINGER SEWING MACHINES

Beautiful Sample Color Cards and Book

of Instruction-FREE.

We Guarantee Satisfaction.

at the above low rates. This machine is made after the latest models of the Singer machines, and is perfect fac simile in shape, ornamentation and appearance. All the parts are made to gauge exactly the same as the Singer, and are constructed of precisely 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 important improvement in a Loose Balance Wheel, so constructed as to permit winding bobbins without 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 convenient 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."

he money."

Price including one year's subscription, \$15. Sent by freight, receiver to pay charges. Give same of freight station if different from post-office address.

This Machine will be sent for \$10.00 Cash and 10 New Subscriptions to the VISITOR at 50 cents each. Address, with the money,

GRANGE VISITOR, LANSING, MICH.

## \$100.00 FOR \$1.00

**PYRAMID PILE CURE** an absolutely certain cure for BLIND, RLEEDING, ITCHING and PROTRUDING PILES. Gives INSTANT RELIEF. A PERMARENT CURE. So harmless, it can be used by a child with perfect safety, and one package costing 60R BOLLAR WILL DO YOU ONE HENDERD BOLLARS WORTH OF 600D, at least this is the honestly expressed opinion of hundreds who have been cured by it in the past year DO NOT SUFFER A DAY LONGER, but ask your druggist for it, or we will send it postpaid for \$1.00, or a small trial package FREE for 10 ets. in stamps, also a valuable book telling all about piles sent free. Address

PYRAMID CO., ALBION, MICH

which the daughter-in-law is set against her mother-in-law. Is it We tried it 100 years and every worse for an impressionable youth

history of Ingham County Pomona had to exchange for money. They were reduced in weight to prevent hundred years are remarkable. Records show that in the early Kalamazoo Michigan Female Seminary. So long as government coins only days of the eighteenth century the silver in a dollar is worth a dollar, under free coinage it has none. tury later it had gone up to 482 At 11 A. M., the Worthy Master it is the silver out of a dollar that The miner comes with a button of pounds, and for the last decade it Does all of this mean that under to prevent his selling it the next of live stock. It is getting to be 70 instead of 30 cents, if you choose. the matter.—Rural New Yorker.

> In stocking the farm aim to adapt the stock to the land. On a rough, hilly farm you will not of cattle nor for large draft horses. Nor do you want many hogs there, for they can not make much use of such pasture land as you will have. Sheep will fill the bill a great deal better. On rich, level land grow large beeves, fine dairy stock, heavy draft horses and good The hogs. Above all things do not waste such land as the latter on People's scrub stock. If you do you have Savings no business to have the land .-Western Rural.

The 3d day (Wednesday) of the West The picnic was in every way a mark higher prices on the goods takes such moral lessons as may be Suffrage Association have provided for since advanced and then take what nursery tales than to the life-like, others will be present to address the

## IF YOU THINK OF GOING PUT YOUR INQUIRIES IN WRITING AND SEND TO GEO. DE HAVEN, GENL. PASSR. AGENT FULL INFORMATION PROMPTLY GIVEN.



ON TRIAL-FREIGHT PAID-WARRANTED OSGOOD & THOMPSON, Binghamton, N. Y Address J. C. GOULD, Ag't, Paw Paw, Mich.

#### Clubbing List with The Visitor

										Bot Pape	
Veekly Free Press		-		-		-		\$1	00	31	25
Detroit Weekly Tri	bu	ine	3		-		-	1	00	1	25
osmopolitan Mag	az	ine	•	-		-		2	40	2	50
t. Louis "					-		-	1	50	1	35
Demorest's "				-		-		2	00	2	05
lichigan Farmer			-		_		-	1	00	1	35
arm Journal -		-		-		_			25	-	70
arm and Garden	-		-		_				50		80
tlantic Monthly		-		-		-		4	00	4	00
entury Magazine	-		-		-		-	4	00	4	00

## NO HATCHER MADE Can show better results Over 60 in successful opera-tion at Decatur, Ills., alone. The greatest hatch ever ac-complished, 228 chicks hatched at one time, with a 2.0 capa-city Reliable Incubator. Hundreds of testimonials. Finelose 4 cents in stamps for new illustrated catalogue. RELIABLE INCUBATOR & BRO

### SHROPSHIRE SHEEP

500 Choice Registered Shropshire Sheep for

SHORT-HORN AND HEREFORD CATTLE, Clydesdale and Standard Bred Trotting Horses And Shetland Ponies.

SPRINGDALE FARM. J. M. TURNER, Propr. Lansing, Mich.

Bank

of Lansing Mich

Capital, \$150,000.00

W. J. BEAL, PresidentA. A. WILBUR, Vice PresidentC. H. OSBAND, Cashier

We transact a general banking business. Pay interest on time deposits. If you have any bank-ing business come and see us.

LANSING, MICH.,

TERMS 50 Cents a Year, 25 Cents for Six Months. Subscriptions payable in advance and discontinued at expiration, unless renewed Remittances should be by Registered Letter, Money Order or Draft.

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

How do you like our looks this

The picnic season is about over; now will come the fairs.

you can't get a subscriber for one

their attention to the cholera.

When you haven't anything else to talk about, talk to your neighbor about subscribing for the VISI-

farmers' institute in your locality? fully that only through organiza-If so it will be well to have your tion can the best results be obtain-

If any of our friends are at the various fairs and find our agent vigor of the Grange, are practicthere, we hope they will make his acquaintance and that they will speak a good word for us.

We have an interesting article from our State Secretary concerning Bay View Farmers' Day. We self the elements of stability. regret that the ladies' page had been made up before its arrival. It will appear next issue.

thing to exhibit at the fairs this slow but steady and substantial year? If they haven't don't you growth of the order during the think you could spare a little past few years, and at a time when ground to them and give them a other like organizations have arlittle help another year? Wouldn't isen and fallen; the steadfast loysuch things help solve the problem alty of its members to foundaof keeping them on the farm?

#### THE CURRENT ISSUE.

of interest to all. The well-known to believe that the time is at hand, ability of Mr. Webber and the fact that the harvest is ripe. of his recent appointment as his article on the timely sub- able and willing to rescue the souls The thoughts of Ex-Gov. Luce are ter craft and proceed grandly on always listened to, whether he her way, stands the Grange, strong writes or speaks. The sound sense and intact, glad to include in its of Dr. Kedzie will be helpful to ranks those who have nearly lost many if they will heed his advice fortune and hope in other organregarding the care against the day izations and to bear them on to a of the probable invasion of the substantial and lasting good. dreaded cholera. Prof. Daven- Brothers and sisters, do you not port's unique experience in Brazil, here recognize an opportunity, a his observant mind, and his eter-duty? And will you not act upon taining style, will cause all to rel- the thought and determine to ish his de cription of Brazilian spend and be spent for that which agriculture. There are many other we believe is to bring cheer, articles of interest to our friends strength, profit, good, to our farmwho may get a copy of this paper. ers. And we want to say, modestly of course, that we try to make every issue fully the equal of this in restraint as something wholly a point of valuable contents.

## OUR ILLUSTRATIONS.

Through the courtesy of Mr. James M. Turner, proprietor of Springdale Farm, we are enabled to present to our readers this week a likeness of the important Shropshire ram "Springdale Reserve, No. 24353", together with three ram lambs of his get and also three ewe lambs by the same sire. Particular attention has been paid

THE GRANGE VISITOR ful selections made several years where other cords have been fas-Published on the 1st and 15th of every month. animals having been purchased in helplessly lost to honor and good- going on continually. The camMechanical course To whom all exchanges, communications, advertising business and subscriptions should be Jones. J. Bowen Jones, P. & G. disregard of which means ruin. educative. Hence a short, sharp, sists of these original importations Show us to a neigbor, and see if of wool and mutton.

#### THE ACCEPTED TIME.

It would seem that in Michigan Don't forget to drop a card to us, at least the time had come for the if anything is wrong with your most vigorous and earnest campaigning in behalf of the Grange. Now that the great prize fight is The "signs of the times" would over people can once more turn seem to point to the coming winter as our great opportunity. There is a large and an increasing demand that farmers be organized. Their needs financially, intellectually, politically, socially, are being recognized, and it is coming to Are you intending to have a be acknowledged more and more arrangements in at an early date. ed along these lines. The other orders in the State, which in a measure and for a time sapped the ally disbanded. And more and more are farmers, and people in general, coming to appreciate the fact that the Grange is based on enduring principles and has in it-

The Grange idea is being understood by level headed farmers and such are beginning to believe that perhaps in this order lie their Have your boys and girls any- hopes of progress. Moreover the tion principles, and the recognition of the great good already accomplished by the united Granges The articles in this issue will be of the nation, these facts lead us

Like the mighty flag-ship of the chairman of the Michigan fleet, which has weathered the Road Commission will render gales, and, staunch and strong, is ject of Roads very interesting. from the battered and sinking sis-

THE CABLES OF THE SOUL. Young men are prone to regard nuisance, and to think that obedience to the laws of man and of God demeans their manhood. So many, early in life, break away from the restraining influences of home, mother, sisters, to lead lives a shorter campaign seem plain. If ability. which, though they may not be the national and state conventions really bad, are careless and lack- were not held until the last of ing in noble aspiration and strug- September or the first of October, own desires to the heart-wishes of to know the candidates. It takes of choice Shropshire sheep and "apron strings" never will lead intory and bad history. The camthe flock at Springdale has become to bad associations nor bind to evil paign is valuable chiefly to catch taking the famous for the high character of habits; never will guide into impurithe floating vote and not to Mechanical course. the animals sent out annually. ity or vice. And many a boy, "educate" voters, as is claimed. Special courses.

ago from the best English flocks, tened around him until he was paign. The education must be follows:

G. Coke, George Lewis, R. M. law. True independence, true lib- the methods now pursued. The decided. Knowles and T. S. Minton; and erty, is in so obeying law and chances to use the great political the flock now at Springdale conand their offspring. Mr. Turner, cord. Continuous disobedience of Taking into consideration the the proprietor, seems to think that law means a breaking down and cost in time, energy and money, in the Shropshire he has found one finally death. This is true of the interruption to business, the one class, or really part of a class, of the most desirable combinations the physical laws, the laws of extensive use of the "machine," for probably 40 or 50 more stumind and in the realm of the moral and the lessening of political exdents will enter in the spring term. and religious. There are eternal citement, it would seem that if all But we have had previous occatruths that hold us to all that is parties would agree in future to sion to look up the records of high and true, as cables hold a limit the campaign to as many other classes in the same line and ship to the anchorage. We must weeks as there are now months have found that these figures are get hold of these and cling to used, that it would tend to the gen-sufficiently accurate for the purblows. They are our only safety. government.

Never were sturdy principle and a high sense of honor needed more than in these days when ambition which are sure to arise.

### A SHORT CAMPAIGN.

that our political ampaigns should "Hon." to the name. of our institutions. Extended servants; and who are willing to the farm, educate him into a praccampaigns also give opportunity lay aside the robe of office when- tical and noble manhood, and re-But the sovereign people can't most earnestly believe that this nine in the present class who came sive a school of oratory. It costs all who are public educators—pul- tations. The College can't edu money to run a long campaign and pit, press, platform, and that the cate farmers directly unless stuthere is no material return for the sentiment of our people should be dents come to be educated for investment. It takes time to hear cultivated toward such a standard. farmers. all these orators and usually men Practically there may be various go to listen to speakers of their ways of accomplishing the purpose or perhaps we ought better say, to own party so that they are not in view. But public sentiment ascribe the cause of this to the very extensively educated or will most largely determine the farmers themselves. The College broadened by the operation. And matter then the amount of energy used salvation of the country depends called. Fortunately the closeness like to hear from our friends on

materially to our wealth. The flock now consists of about 500 cut loose from these ties, has Education in principles of governanimals and was founded by care-drifted into places and habits ment is not a process that can be

paign gives a chance for a presen-Farmer, Joseph Beach, William Independence is a virtue; but tation of issues and for appeal to body, mind, and soul are in har- haps, but no good citizen should

#### OUR LEGISLATORS.

The proceedings of every state for wealth and for political station | legislature are the subjects of conis such a powerful incentive. tinued malediction by the press, Youth must be educated and usually by the representatives of trained into a knowledge of these the party not in power. While a great moral laws. It is only this large part of this fault-finding is education and training that can be purely for political effect, it is depended upon in the emergencies probably true that there is often occasion for censure. The meagre pay and doubtful honor of belonging to the legislature keep many of All the parties, in state and in our best men out of that body. nation, seem to be in a measure There are many exceptions of keeping their guns in reserve. course. Scores of our brightest They are probably ramming in ex- young men find here drill and from cities and villages. But more traordinary charges, so that when training as well as the opportunity than that, only 18 of the 28 agrithe battle is well begun the tre- to rise in public life. Again there cultural students came from the mendous reports will thunder terror are often able men in middle life farm. In other words the homes into the hearts of the opponents, who are so situated that they can of the farmers of Michigan furto say nothing of the havor that afford to spend the time, necessary nished but 18 boys, out of 74 who will be wrought by reason of the to the work of a legislator, and entered to take the farming course. dimensions of the shot thus hurled are willing to do so. But too Again, but 12 of those who took often incompetence finds here a the latter course expected to go It is not a new idea, but it is one chance to draw a salary, to make a back to the farm. worthy of serious consideration, speech and to prefix the title of Now we have no fault to find

be of far shorter duration. As it is, Looked at from an ideal stand- merely presenting facts. We bethe cycle of local, state and nation- point our legislature should be lieve that the condition of things al politics keeps the political made up of our best men, who thus shown ought not to exist. atmosphere in motion. True it believe that they are called together And we would if we could assist gives wise (?) men a chance to for a high and patriotic purpose; in applying the remedy. It seems scatter their fertile ideas to the who are willing to sacrifice some to us that while the College has breezes and newspapers abundant thing of private interest for the many lines of work, and exercises copy. But these advantages are good of the public; who believe a good influence in various direcnot essential to the well being of that public office is a trust and tions, yet the great idea of the Colour people nor to the perpetuity that public officers are public lege was and is to take a boy from for orators to spread their wings ever the people so say or to take it turn him to the farm, there to use and fly away (off, some of them do) up whenever the people demand it. the training he has gained. As the into realms of intellectual light. So much for the ideal. And we do above figures show, there were but quite afford to maintain so exten- ideal should be held in mind by under these conditions and expec-

and consequently the amount of direction, let the conventions which Why is it that so few farmers' carbo-hydrates consumed is enormare now making nominations see boys are here to get the training ous. Men who imagine that the to it that their very best men are for future farm life? We would on their own pursuasive powers, of the battle about to be waged in this subject. Surely something is expend a wonderful deal of muscu- this state renders this more prob- wrong somewhere. Either the lar activity that would, if directed able than usual, and no doubt our College is not doing good work or into economic channels, add very next legislature, of whatever politi- its work is not understood, or moncal complexion it may be, will be ey is too scarce. Certainly there But seriously, the advantages of composed in the main of men of ought to be a larger number of

## WHY DON'T THEY COME?

In the class which has just entergle. The boy who sacrifices his voters would have sufficient chance ed the Agricultural College there were about 80 students. We had opeven an over-fond and over-anx- our modern newspaper about three portunity to look over the entrance ious mother, has nothing to lose days to tell the entire history of papers of 74 of these students and at Springdale Farm to the rearing by so doing. A good mother's every man on the tickets, good his-

Of these 74, 30 came from farms, cents a year.

Mechanical course

Jones, J. Bowen Jones, P. & G. disregard of which means ruin. educative. Hence a short, sharp, tural course 12 expected to be Evans, Richard Brown, John And to be independent is not to business-like conflict would answer farmers, 5 had decided for some Harding, E. Knock, A. E. Mansel, show disrespect for authority or all the ends actually gained by other occupation, and 11 were un-

> took the agricultural course and who expected to return to the farm when graduated.

them through every storm that eral good of our people and our poses of argument. And what is the argument?

Well in the first place only 28 out of the 74 took the agricultural course. That means that while the number of students remains about the same or a trifle more than a few years ago, the actual number of students taking the agricultural course has fallen very materially. The mechanical course ought to add pretty nearly its entire body of students to the number in college. But it has not done so.

Again, only 30 of the class came from the farm, the rest of course

with any one in particular, but are

We are inclined to lay the blame, is better equipped than ever before. As an immediate aid in this Why do not the students come? students come every year from our Michigan farms, determined to study farming, and expecting to use their knowledge on the farm.

> The great Cavalcades at Grand Rapids will be very attractive features of the Fair. They occur on Wednesday, Sept. 21st and Friday, Sept. 23d, at 1:30 p.m. Think of all the fine cattle and horses on that fine mile track at Comstock Park.

Try us six months for 25

The VISITOR is only 50

HON. CYRUS G. LUCE.

great wealth producer that has en- The ideal farmers' organization and happy. But in none of these the impossible. Energies have ments commensurate with his con- The organization should teach its he may have done for others, he which surround them; to meet do in case cholera invades our State, himself has been simply "a hewer bravely and well emergencies as and what precautions to use to esof wood and drawer of water."

flicted upon him has brought setting of the moon, we cannot points. these wrongs were inflicted.

to-day is not caused, to any great extent, by the drouth of last year. Clouds at our bidding. We cannot prevent the early frosts that nip the is a matter of first importance. This has only aggravated long existing and growing evils. Agriculture in Russia, as well as in European countries and difficulties that confront your person and clean in your life, many other European countries, the farmer should be met heroic- but clean in your dwelling from has been oppressed, degraded and ally, wisely and well, and a farmers' cellar to garret, clean in your back almost ruined by these oppressions. organization can assist its mem- yard and alley. Clean out your The result of all this is inflicting bers in doing these very things. pain and penalty upon all other It should not be established, then make the vault wholesome classes in Russia. The same is nor should it exist for any one and sweet by dissolving three eminently true of Turkey, and to single purpose. If this is the a great extent, of Spain and Italy. single purpose. limit of the object, when it has ac-Among all the farmers of Europe there cannot be found one single farmers' organization that has for its purpose the elevation of the lows. farmer, the improvement of his methods and the exaltation of his hensive in all of its purposes. It

ure confessedly furnishes the confidence and the kind wishes of tious food. Avoid tainted meats foundation for national growth men engaged in other legitimate and mothers of Plymouth Rock members wiser, more successful farmers. fired the first guns at Lexington in the great and of business. battle for freedom that was waged and won, were farmers. The men of the farmer, he has been less when well cooked. Raw cucumwho have produced the wealth of ready to perceive the force and bers I leave alone. this country and now furnish the influence exercised by wisely conproducts that build and sustain rail- ducted organizations. But he can- depresses the system like fear, and roads, construct cities and force not longer run the race before him, it is the weakened and depressed enough to pay the labor. So, since to excess.

ers' organization existed in this the very best interests of all require, sured his life for a large sum. garded everywhere as the badge of press too much. country that had for its purpose without receiving the educational Returning to Constantinople he poverty, a measure to be resorted hood and womanhood, or to continue the education of those who live in rural homes and cultivate.

And there is now all the more live in rural homes and cultivate.

And there is now all the more live in rural homes and cultivate.

And there is now all the more live in rural homes and cultivate.

And there is now all the more live in rural homes and cultivate.

And there is now all the more live in rural homes and cultivate.

And there is now all the more live in rural homes and cultivate.

And there is now all the more live in rural homes and cultivate.

And there is now all the more live in rural homes and cultivate.

And there is now all the more live in rural homes and cultivate.

And there is now all the more live in rural homes and cultivate. tinue the education of those who ization. live in rural homes and cultivate | And there is now all the more against such an event by insuring | not till compelled by hunger or American to question. Neither the soil, or to promote and defend reason for seizing hold of this his life in Paris. He knew the other force. And the cry goes up did I ever know one who could disall along the line the interest and engine of power, because their company was perfectly responsible from all Brazil—"Give us labor-cover or suggest relief, but all who rights of the farmer. And still numbers are relatively reduced. and his life was safe. He recovthere is no portion of the American The census of 1890 proves what ered.

tact with their fellows in the Two farmers can now at the averfarmer in following his occupation labor, produce as much, as three could thirty years ago; so that if ed. There is not the same keen the same number of men remained competition in his case that act- on the farms as formerly, there temperate in all things. uates and stimulates other men to would certainly be an overproductheir utmost. Hence, the only tion of farm products. The men way open to him to realize the that used to live in the country and lianity alike demand that the sick benefits that contact with others work on the farms are now making be nursed and the dead buried. strength on this point if it would Mich. bring to all people, is to organize, machinery that accomplishes these But it is reckless to needlessly exand maintain organization for his great results, and this is to go on

Through organization the mighty | machinery. achievements of the age in which

farmer more forcibly than to any without securing the benefits of that it is a region by nature adapt- majority of the country is in the turer hereafter will be Ypsilanti, others.

BENEFITS OF FARMERS' ORGAN- harmony with the laws that govern or black, it will not be seen out on improving as the world improves. clearing land, and the agriculture our civilization. Its first and highest purpose should be to Farmers are generally home On the contrary, her agriculture is built upon and about the instituincrease the knowledge of its owners, and this begets patriotism, tion of slavery. And now that ed it is cut about two feet above In compliance with your request most important branch in which readily believe that all of this culture seems to have lost both knife called a foece, and after a I submit some thoughts in relation to farmers' organizations, prefacing to his own calling and the methods in the coming years. So this furble larger brush and small trees escape by saying, but few of the reasons therefor can be presented in a hard of more than a the methods in the coming years. So this further the first the coming years. So this further the coming years and the methods which he should pursue. There is no calling known to the head or should avail himself of all the unadulterated by any perceptible and burned "full length." Then a Through the ages of the past er, deeper, or more profound can give him. agriculture has furnished one of knowledge than it does to properly the chief occupations of the race. cultivate our acres, and manage ing, and they will continue to method, almost hereditary instinct. 600 or 700 pounds each. The plow

countries has the farmer been re- often been exhausted in trying to corded rights, privileges and enjoy- do what mortal man cannot do. tribution to the general welfare. members to adjust themselves and In many of them, however much their operations to the conditions they arise.

perils upon the countries where change the course of the stars, we cannot prevent the rain, nor do I be- but it is nourished by filth, and The misery existing in Russia lieve call down the rain from the finds a ready home in weakened

> complished the single purpose it is the vault so as to wet the walls of ignorant labor everywhere. ready to die, and if success is not and thus destroy all foul odors. achieved, then discouragement fol-

And in our own country agricult- should command the respect and The fathers pursuits, because it can make its The and more extensive contributors to nature's hand. Well ripened fruits,

the balance of trade in our favor, successfully, without the influence system that is most liable to choland aid rendered by them. He era. The story of the Turk who agriculture is "up a stump" so to soil and mine and the natural the development of a higher manbenefits that can be secured within
was seized with the plague and his

people that so absolutely require thoughtful men knew before to be the benefits of association and co-that the rural population was the cities.

Don't give way to fear, or get up a panic, but bravely meet your stricken laborers who will not labor. Coolie importation is talked Men and women engaged in Much of this change is brought more and more as we use more

There is really nothing alarming we live have been wrought out; in this tendency, and if there were, without the strength and force of we could not prevent it. It has these, but very little is accomplish- come in as a part of the machinery in our civilization. But it imposes The farmer who passes along obligations upon those who do rethe highway, rides on the cars, main upon the farms. The relavisits the city, attends fairs, wit- tively smaller number become nesses the evidences of all these stronger, broader and more influif he travels with eyes and ears ential, and we must, to secure the open. And if those engaged in perpetuity of our institutions and other pursuits have been enabled the very government itself, hold to secure opportunities, privileges the balance of power out in the and advantages essential to their rural homes. And I say without success, these truths apply to the hesitation that we cannot do this in this peculiar country to discover ness, and at any given time a

organization to aid us. foundation, crumble and fall when country. When danger to business, the storm overtakes them. So manufacturing, or in any other the United States, with a greater to jungle is astonishing. The most now in order and I sincerely hope will farmers' organizations if the foundation does not rest upon the farms. Indeed, to govern all a proportion small though it may never subdued during the period of a complete list to report from to solid rock. Their promoters have no reason to expect exemption from not require a soldier, nor the exit is capable of producing large a short time elapses till they spring A. J. the common lot that has overtaken others.

penditure of but very little money. quantities of nearly every valuable of very valuable for vegetation is practically conforman.

#### IF CHOLERA COMES.

DR. R. C. KEDZIE.

People naturally inquire what to cape its danger. A word of sug-Of course the injustice thus in- We cannot change the rising and gestion may be acceptable on these

1. Cholera is caused by a germ, privy and bury its contents, and Especially look to your well and see that no filth can flow or soak into your well. If in doubt about the water, boil it before you use it and thus kill all germs.

and decomposing vegetables—wilt- upon the country an ignorant, idle, any I have ever seen. Nothing ed and mildewed food of any kind. Use food fresh and sweet from the welfare of society, of commerce, tomatoes, etc., especially if well cooked, are good. The same may Because of the isolated condition be said of all garden vegetables in addition to the service rendered used. Laboring people live almost

operation as the tillers of the soil. gradually going to the cities. fate, for safety lies along that path. labor. Coolie importation is talked other pursuits are brought in con- about through natural causes. Drugging to keep off sickness kills more than it helps. Let stimu- who is acquainted with the conprosecution of their calling. The age farm work perform as much lants of every kind alone. Avoid ditions down there knows that this is better produce of their calling. spirits and fermented liquors. is but an innocent name for practi-Habitual drinkers furnish a large body of victims for cholera. Be where not one in ten can read, and

> 5. Avoid needless exposure to pose one's person to the disease. stop far short of its limits in order Some doctors say the cholera can- to be respected for veracity. This not be carried by the air, and is is the condition of labor and of always taken into the body by something we swallow. But that is an unproven assumption, and it find one who desires to better his that your subordinate Grange be is not wise to risk life upon an hy- condition. pothesis. Do your duty but take no needless risks. Agricultural College.

#### BRAZILIAN AGRICULTURE.

EUGENE DAVENPORT.

Organization for the benefit of other men, erected upon a sandy

The farmers' influence must not be reduced or obliterated in this and with a distinct aversion to all close at hand. The rapidity with ers of Subordinate Granges to this ed to agriculture, but inhabited by latter condition—picturesque at a No. 222 Summitt street. I partic-

will be a greater one, a result stand the force of what is meant six inches of furrow, but the furabled them to become prosperous should not undertake to accomplish which every patriot should desire. when I say that the practices of a rows are generally two or three settled into this petrified condition. short narrow lands. fluence to break them up, and new is drawn over the ground, but methods may spring up from with- generally a gang of about ten men in, but from without—never.

would like to have his oxen yoked culture is done in the same way. by the necks. To draw him out In this manner are raised—cofdo with them at all, you are obliged elevations. to take them as they are, make the Of fruits, the orange, banana pounds of copperas in a pailfull of the gist of the whole South Ameri- The guava is native and more boiling water and dash this into can problem, and of the problem common than our elderberries.

soil—mostly the latter—and mainly are known to do well. by unrecompensed slave labor. Horses are used only for riding while labor cost him nothing—for pound. the slave must raise his own living gration is courted, till the country is flooded with a host of poverty Lord, how long?" Don't give way to fear, or get is flooded with a host of poverty 4. Don't doctor to keep well. of. The latter would be under the 'contract system," but anybody cal slavery—all this in a country Patrons: not one adult in five is worth enough to buy food to last himself be believed, but I feel obliged to laboring people in this great agrible at Ann Arbor. cultural country, and it is rare to Of farming methods there is

land after one or two crops, and tance. shortly it is covered with a thick growth of bushes and coarse grass in great variety. It becomes then a It requires but a short residence rotation between crop and wilder-A farmers' organization to be the stars and stripes should be But her methods are not those stant, being hardly checked in A farmers' organization to be the stars and stripes should be permanent and useful must be in raised anywhere, whether it be red of intelligent, industrious people, winter. They are therefore always all sides try the VISITOR.

members; and the first and and the student of history will this institution is abolished, agri- the ground with a long handled hand of men that requires a broad-opportunities that organizations leaven of superior intelligence, but tool, by courtesy called a plow, is crystalized by time and thought- drawn about among the stubs by Farmers' organizations are grow-less practice into unchangeable a span of mules weighing about grow. They are now a force and Few of my readers will under- is not capable of "cutting off" over country (i. e. a people), cannot be feet apart.—The field is usually changed. They certainly cannot plowed two or three times in diffrom without when they have once ferent directions, always in little Internal causes may exert an in- harrows are used. Often a brush go over it with heavy hoes weighing I knew a wealthy farmer of Chili, eight or ten pounds, and moving in owning 60,000 acres of land, who a line across the field, and all after

I said, "Why don't you have them fee in the highest and reddest lands; yoked as you desire?" Said he, next in order of choice and profit Probably your short experience are cane, corn, cotton, beans, manhas already taught you what mine dioca, rice and a variety of vegelong ago taught me-you can't tables. Wheat, oats, barley, rye change the practices of a whole and potatoes are possible only in country. If you expect to have to the extreme south or the higher

best of a bad state of affairs, and and pineppple are about equal in make the recompense low enough favor, and all grow wild though so there is a margin of profit." not native. The lime, lemon and In this little circumstance I give grape are common and thrive well. Neither apples, pears, cherries, The money of Brazil has been plums, or any of our small fruits made either from her mines or her are raised, though the strawberries

Now that the slaves are free and in or for carriages in cities. Bullocks a country where a minimum exer- and mules do the labor. Pigs are tion will supply the bare necessi- in high favor and fatten on corn ties of life, they are thrown back and raw cane more rapidly than dirty burden. Upon the other eats so much there as here, and I hand, the methods of the planter am satisfied that a Yankee could have been so crude and wasteful make pork in Brazil for a cent a

the master—that he now finds it exclusively on beans and rice, eatimpossible to pay even the paltry ing great quantities of raw cane. 3. Be of good courage. Nothing wages of 30 cents per day, except Healthy people add meat, and all in the coffee fields, and make drink liquor and coffee and smoke

But until within the last quarter cannot exercise the influence as a insured his life is a good illustraof a century, no permanent farm- citizen of the state and nation as tion. A Turk visiting Paris in-

Woodland, Mich

#### NOTICES.

Our State secretary sends in the following notice which she requests us to call to the attention of

Patrons will please notice that the residence and address of the Secretary of the State Grange has the disease. Humanity and Christ- alone through one of our winters, been changed from Marcellus to Ann Arbor, Washtenaw avenue,

> Secretaries are especially requested to bear this in mind in buying money and express orders. and see that they are made paya-

Further, it is necessary in order entitled to representation in the next State Grange that the fees little to say. Like all slave and dues for the quarter ending methods they are those of hand March 31, 1892, are paid. Please labor almost entirely. The unibe sure that your Grange holds its versal practice is to abandon the receipt for that quarter's remit-JENNIE BUELL, Secretary.

> Patrons will please take notice that the address of the State Lec-

> > A. J. CROSBY, JR., Lecturer.

#### THE MODEL HUSBAND.

Most wives will end their story with:
"Ah well, men are but human."
I long to tell the secret of
A truly happy woman.

Through all the sunshine-lighted years, Lived now in retrospection, My husband's word brought never tears, Nor caused a sad reflection.

Whate'er the burdens of the day, Unflinching, calm and steady, To bear his part—the larger half— I always find him ready.

House-cleaning season brings no frown, No sarcasm, pointed keenly; Through carpets up, and tacks head down He makes his way serenely.

Our evenings pass in converse sweet, Or quiet contemplation, We never disagree except To "keep up conversation."

And dewy morn of radiant June, Fair moonlight of September.\* April with bird and brook atune, Stern, pitiless December—

Each seems to my adoring eyes Some new grace to discover. For he unchanging through the years, Is still my tender lover.

So life no shadows hold, though we Have reached the side that's shady; My husband? Oh! a dream is he, And I'm a maiden lady. ELEANOR M. DENNY, in the Ladies' Home

#### IN THE GRAND CANON.

The strongholds these of those strange, mighty The strongholds these of those strange, mighty gods
Who walked the earth before man's feeble race,
And, passing hence to their unknown abodes
In farther worlds, left here their awful trace.
Turrets, and battlements, and topling towers,
That spurn the torrent foaming at their base,
And pierce the clouds, uplifting into space.
No sound is here, save where the river pours
Its ice-born flood, or when the tempests sweep
In rush of battle, and the lightnings leap
In thunder to the cliffs; no wing outspread
Above these walls, lone and untenanted
By man or beast,—but where the eagle soars
Above the crags,—and by the gates they guard,
Huge and as motionless, on either hand,
The rock-hewn sentinels in silence stand,
Through the long centuries keeping watch and
ward.

ward.
Up from the sheer abyses that we tread,
Wherein pale Shadow holds her mystic sway,
And night yields never wholly to the day,
To where, in narrowing light far overhead,
Arch capping arch and peak to peak is wed,
We gaze, and veil our eyes in silent awe,
As when Jehovah's form the prophet saw.

INA H. COOLBRITH, in September Lippincott's

#### HOME AMUSEMENTS.

English vocabulary that means so tell us of the past. much to us, or that sounds so methe thoughts of going home nearly will help us to love home, parents, tation, we are capable in that degree tinctly than here. I remember a tape line. The whole length paid to account for this. No place do we feel the protection, freedom and refuge that a bright pleasant home TO THE LADIES OF THE GRANGE. affords us.

The ways of the members in one household are apt to run in the same channel, to a great extent, and it is for this reason that we say a few words to you through the so called "elocutionist?"

bright and cheerful as possible, for issues of the time that you have of this branch of art. But did we smooth limestone boulders which of the water in the chasm, about if the attraction at home is overpowered by that abroad it is almost
when the thing conserved is preciative? Was the fault ours, homes to bathe forever in the cartolearned that conservatism is wrong pause to think why we were unaphad descended from their original had descended from their original had descended from the cartolearned that conservatism is wrong pause to think why we were unaphad descended from their original had descended from their original had descended from the cartolearned that conservatism is wrong pause to think why we were unaphad descended from their original had descended from the cartolearned that conservatism is wrong pause to think why we were unaphad descended from their original had descended from the cartolearned that conservation is almost preciative? Was the fault ours, homes to bathe forever in the cartolearned that conservation is almost pause to think why we were unaphad descended from their original had descended from the cartolearned that conservation is almost preciative? Was the fault ours, homes to bathe forever in the cartolearned that conservation is almost preciative? Was the fault ours, homes to bathe forever in the cartolearned that conservation is almost preciative? sure to produce evil. If we would wrong, and that the only right at- or was the recitation a mere me- ressing ripples of the lake. It have our young people grow into industrious men and women we must set them a good example, and must set them a good example, and because the must set them a good example, and because the must set them a good example, and because the must set them a good example, and because the must set them a good example, and because the must set them a good example, and because the must set them a good example, and because the must set them a good example, and because the must set them a good example, and because the must set them a good example, and because the must set them a good example, and because the must set them a good example, and because the must set them a good example, and because the must set them a good example, and because the must set them a good example, and because the must set them a good example, and because the must set them a good example, and because the must set them a good example, and because the must set them a good example, and that the only right attention is that chanical operation, simply a repetition of words, with no care as to the thought conveyed; with a seem-because the must set them a good example, and that the only right attention of was the rectation a mere metal graph of the legends that the only right attention of words, with no care as to the thought conveyed; with a seem-because the must set them a good example, and that the only right attention of was an immortal youth that spoke here—spoke of the legends that the only right attention of was an immortal youth that spoke here—spoke of the legends that the only right attention of was an immortal youth that spoke here—spoke of the legends that the only right attention of was an immortal youth that spoke here—spoke of the legends that the only right attention of was an immortal youth that spoke here—spoke of the legends that the only right attention of was an immortal youth that spoke here. keep them under our own influence only theories and principles, but ing consciousness on the part of of Indian braves who wooed and

walk out of her home for an even- injure the individual. A legalized capable of appreciating this art.

ture for children is a great improve- to enrich the few and taxing the ures are supposed to emphasize. past. There are many beautiful this we call statesmanship. there are many of these games, there are, also, those which give no the sess seventy per cent of the wealth and if your body be the complete longings of the soul, engendered instruction and produce harmful of the nation. We assert that the slave of your emotional or will by such sights and sounds. influences. Among the latter are consent of the government is essen- power, be assured that not only the euchre cards, which I am sorry to say are so frequently used in our to say are so

Ladies' Department. and they will not be so apt to play ernment and withhold this right ing and weight if not graceful. On lated by the modern relators, they more benefit can be derived, for country. instance geographical or historical

good character which will afford throw of wrong. amusement as well as interest to all. We often open our homes for social amusements such as teas, parties and socials. In this way we learn how to entertain, which, in another sense, is to amuse.

amusements, which I have not yet endeavor of childhood becomes the ure, history and legend that are in Montague, having climbed along mentioned. A playful kitten, or a study of maturer years. For is store for him. mischievous little dog, will make a there a greater accomplishment Then the water, blue, dark, deep, was holding on by the trunk of a great deal of sport, and in time than being capable of expressing restless; sometimes dancing joyone will become very much attached our thoughts in simple, compre- ously in the morning sunlight, the block of wood struck the water to them. Another, is the stories hensive language? Is there one word in the whole which we get our grandmothers to

VIOLET VAILE.

feel like a cat in a strange garret when we come in contact with strangers, until we become accussidered a very conservative organ. strangers, until we become accussidered a very conservative organ-friend who has availed herself of touch, I stood that same day. The 32 feet, added to the other measization, but I see by the advanced the opportunity offered, and se- water was never still, but inces- urement, makes the descent from We should make our homes as position taken upon the leading cured the assistance of some teacher santly purled and lapped the the head of the chute to the surface bors, she might not be quite so well gence are essential to the perpetulose but will gain interest.

games. Some would say these are tlement of the labor question while too dry for amusement, if so, there the open saloon bribes voters and become a mere machine and lack-ened by an acquaintance with are many other more lively ones, corrupts politics, nor will the sa- ing soul; has wondered at his fail- "Mackinac, the Beautiful." that have a clearer record than loon be suppressed until the moral ure of achieving success. cards, therefore, would be more and intelligent womanhood of the desirable. Games are only one land are permitted to lend their among the different home amuse- influence for its suppression. Herein dear sisters of the Grange lies It is a good plan to select some your duty and your opportunity to traveler gains a glimpse of the book, and let all members of the so champion these reforms in your rugged shores of Mackinac Island we had provided ourselves with household take turns in reading aloud from this each evening. I the Grange, by essays, discussions from the fading vision, he is poswould not advise one however to and song, that the waves of influsessed with an ecstatic feeling of of the fall, if the situation should select such books as Peck's Bad ence enlarging as they go on, shall regard and attachment to the his- be found suitable. Fortunately, Boy or dime novels for this pur- unite with those of other organiz- toric place. Just what elements alongside the chute just above the pose, but the works of some good ations and so hasten the day of there are that make up the cause brink of the main cataract, we

Ionia.

#### THE ART OF READING.

[For the VISITOR.]

of expression. From the time that classify them. Girls, do not be so taken up with the child lisps its first monosyllable

hood. Seemingly harmless visiting concerns society; that "each man's reciters, they imitate rather than the present and of the future, and erance of which we pray in the while young developed the lazy weal should be every man's care." create and the dramatic selection to him who had the ear to catch morning and which we court in the street loafer, and the gossiping This growing brotherhood of man loses all its spontaneity, consettle notes of their song, inspiration evening; it should not be for the cardabout will some day blot out all those quently we instinctively feel that flowed in and played about his idiotic laugh and the imbecile ap-

of valuable time which might be rise or fall together and upon their true basis—soul, the mechanical than history would admit, perhaps. improved by some game from which solution depends the future of our part cannot and will not be wholly

#### MACKINAC THE BEAUTIFUL.

From the first moment that the author. There are many books of the triumph of right and the over- for this feeling, one cannot say. found a floor of rock of the same And surely, one does not care to slope, about 30° below the horibe too analytical nor too critical. zontal. Along this it was possible Sufficient that he is charmed. Yet to go, but with some peril, nearly he can appreciate in a measure to the edge over which the stream the influences that play about his plunges in its final descent. Fasten-Conversation is the natural mode soul, without trying deliberately to ing a heavy billet of green fir to

your fancy work, or some novel, that you have no time to amuse its vocabulary that it may express its

And the hatural beauty of the surface of the rock to the brink that you have no time to amuse its vocabulary that it may express its

The very air, whether it be gentle of the fall, the cord being paid out your brothers when they come in wishes and thoughts to those with from the "sou'west" or fierce and from the upper end of the slope. for the evening, or they may seek whom it associates. As years roll threatening from the "nor'west," is A knot was made in the cord to amusement elsewhere and perhaps on its associations and compan- bracing, invigorating, energizing, mark the distance to the edge, ionships enlarge and expand, this and sets one's senses alert and re- and the billet was allowed to fall There are many other little home desire becomes definite and the ceptive to all the beauties of nat-over the precipice into the chasm.

If the individual reciting will The very appearance of the shrieked at today and to be ashamed may spend a charming and restful not then be a partner to the degra-rather than another's thought, and know its name or its story you ties; it is for the gracious, the evening herself, but if she could dation of the people. We profess feel this forcibly each time it is could not, if you would, avoid the graceful, the thoughtful, the genlook behind the scenes at her neight to believe that virtue and intellirecited the recitation will never feeling of romance that envelopes tle; it is to send us home with betontented with herself.

An interest should be taken in hildren's sports. Sympathize sports. Sympathize sports. Sympathize sports are essential to the perpetulose but will gain interest.

Many amateurs feel that the one of God's monuments which marks the death and change that and with food for pleasant reflections. them how to be happy without then voluntarily sacrifice 100,000 their happiness is supreme, and the reverent soul can and must fire us to nobler deeds, or for such constant visiting or having visitors. lives annually to the demon of when believing they have gained worship. The odd shapes of the potent example as will sicken us of There is so much done for the indrink, selling not only the bodies this knowledge they overwhelm us notable rocks, gigantic and almost evil doing. That is the stage as I struction and pleasure of children but the souls of our brethren for a with such a multitude of motions unexplainable, add a feeling of awe. understand it and as I would strive at present, that parents who are not embracing such opportunities are greatly in the wrong. Litters at parents who are expense which the traffic causes the can scarcely comprehend the subare greatly in the wrong. Litera- community, thus robbing the many ject matter that these same gest- exclaims, "God has wrought here." ment over the exciting tales of the people to support the robbers; and Please do not misunderstand me, walks and drives superb. Here test, all men will stay away from and infer that no importance should age, youth, childhood, and all that it, henceforth forever.—From pictures, each a story in itself, which will entertain a child at alpay out \$1,000,000,000 for that pay out \$1,000,000,000 for that really essential, but it is the expectation of the property of the propert most any age. Instructive games and innumerable other amusements which will instruct as well as amuse, can be purchased so reasonably that they are within the reach should be few and against the last few and meaningless gesture that should be condemned. Feel that should be condemned at all men are last few and meaningless gesture that should be condemned. Feel that should be condemned. Feel that should be condemned at all men are last few and meaningless gesture that should be condemned. Feel that should be condemned at all men are last few and meaningless gesture that should be condemned. Feel that should be condemned at all men are last few and meaningless gesture that should be condemned. Feel that should be condemned at all men are last few and meaningless gesture artist, where is thy genius? Ah, how pall that the extension of the buildings upon the work and meaningless gesture artist, where is thy genius?

The decorations of the buildings upon the work and meaningless gesture artist, where is thy genius?

The decorations of the buildings upon the work and meaningless gesture artist, where is thy genius?

The decorations of the buildings upon the work and meaningless gesture artist, where is thy genius? ably that they are within the reach terest of the few and against the but how you would feel under the but you can not transfer to your elaborate this year, under the directions of the modest income. While many; while aided by such laws there are many of these games, one-seventieth of the people posterior be intense and sincere.

abroad or to enter a saloon for that from intelligent Americans. You the other hand, if the gesture be a take you back to those dim days Although this may be may ask what has all this to do mechanical one it is inclined to be when the red man alone was master. true to some extent, I would not with temperance? and I will answer self-conscious if not devoid of You are led to feel that he must recommend them as a home amuse-ment for this reason. Their names "much every way." The temper-ance reform, the labor movement To be sure there are details, the are so closely mingled with gamb- and woman suffrage are so corre- phrasing, emphasis, modulation, colored by such fancies, his life ling, and their use is but a waste lated and inter-dependent that they time, etc., but if we begin with the looks happier, gentler, and better

Thus nature, history, legend, wrong. Through too careful atten- combine to entrance. And these There can be no permanent set- tion to mechanics many a student, words completely fail to describe in this as well as other arts, has the feelings and aspirations awak-

K. L. B.

#### MEASURING THE GRAND FALLS OF LABRADOR.

At St. John's, Newfoundland, one end of the cord, the weight And the natural beauty of the was carried and thrown down on tree, from which he could see when again breaking angrily at the feet below as the cord was paid out by Elocution or reading relates to of a bold cliff, yet in all its moods me above. The instant of contact the manner or style of speaking. inspiring. To him who holds was plainly visible to him, and I There are many ways to make a Thus as we are able to apply the communion with the waves, they was equally sensible of it. The lodious in our ears as home? Cer- home bright and cheerful, which natural simplicity of our conversa- do indeed speak a various lan- cord was now drawn up over the tainly none superior. Why are will be of lasting benefit to us, and tion to that of our reading or recialways such pleasant ones? I think brothers and sisters better than of approaching the true art of read-that one day, when the wind was out was 505 feet, the part which ing. We do not admire the affected blowing strong from the south- measured to slope was 189 feet, airs of our friend who inveigles west, I stood on a western point of leaving for the height of the main him or herself into believing that the island, looking off up the fall below the chute 316 feet. Althese same detestable, for they are Straits till they were lost in Lake lowng for a few degrees deviation detestable airs, add a charm to Michigan. The white caps, as from the perpendicular, and for a MRS. R. M. KELLOGG.

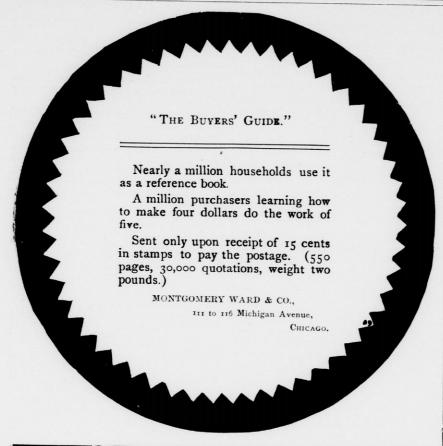
Your editor kindly invited me to average few words to you through the collection and indeed we are few words to you through the collection and indeed we are few words to you through the collection and indeed we do not, the superfluous ranting of the collection and indeed we do not, the superfluous ranting of the collection and indeed we do not, the superfluous ranting of the collection and indeed we do not, the superfluous ranting of the collection and indeed we do not, the superfluous ranting of the collection and indeed we do not, the superfluous ranting of the collection and indeed we do not, the superfluous ranting of the collection and indeed we do not, the superfluous ranting of the collection and indeed we do not, the superfluous ranting of the collection and indeed we do not, the superfluous ranting of the collection and indeed we do not, the superfluous ranting of the collection and indeed we do not, the superfluous ranting of the collection and indeed we do not, the superfluous ranting of the collection and indeed we do not, the superfluous ranting of the collection and indeed we do not, the superfluous ranting of the collection and indeed we do not, the superfluous ranting of the collection and indeed we do not the collection and indeed w

as much as possible. The man or conditions and systems that are the reciter, that she "knew it by Indian maidens who were won Poetry! The stage is for Poetry. woman who does nothing but loaf not right, that economic questions heart" and that was all that was along these shores; spoke of wars, It is not for merchants and meor visit, accomplishes no good whatever in this life, and I doubt not ever in this life, and I doubt not every loyal citizen should take an affected mannerism?

The condition of the condition o the seed has been sown in child- active interest in everything that Therein lies the fault of many Yet in joyous glee they sung of the be for temptation, from the deliv-The mother who can serenely things which endanger society or the fault is ours, that we are not heart as did the wavelets about the plause; it is not for the drunkard ing of pleasure, sending her chilliquor traffic will then be a thing dren to a neighbor for protection, of the past. The government will feel that he is expressing his own island is romantic. If you did not of tomorrow; it is not for gymnastics it is for the gracious, the and the wanton; it is not to be my protest can be heard and, being

beautiful for the G. A. R. encampment.

Of course the history of the Rapids Fair, Sept. 19th to 23d, will be homes for an amusement or pastime. It has been said, "allow your boys to play them at home immigrants to have a voice in gov-



Officers National Grange. Officers National Grange.

Master—J. H. BRIGHAM. Delta, Ohio
Ov'rs's—HIRAM HAWKINS Hawkinsville, Ala.
Lecturer—MORTIMER WHITEHEAD.
1618 Q. St., N. W., Washington, D. C.
STEWARD—E. W. DAVIS .. Santa Rosa, Cal.
ASS'T STEWARD—O. E. HALL ... Pawnee, Neb.
CHAPLAIN—A. J. ROSE ... Salado, Texas
TREASURER—F. M. Mc DOWEL Penn Yan, N. Y.
SECRETARY—JOHN TRIMBLE, Washington, D. C.
GATE KEEPER—A. E. PAGE Appleton City, Mo.
CERES—MRS. J. H. BRIGHAM ... Delta, Ohio
POMONA—MRS. J. M. THOMPSON Joliet, Ill.
FLORA—MRS. J. B. BAILEY ... Conehatta, Miss.
LADY ASS'T STEW'D—MRS. N. B. DOUGLASS...
Sherborn, Mass.

Executive Committee. J. J. WOODMAN. Paw Paw, Michigan LEONARD RHONE. Center Hall, Pennsylvania X. X. CHARTIERS Fredericskburg, Virginia Committee on Woman's Work in the Grange.

MRS. L. A. HAWKINS — Hawkinsville, Ala. MRS. H. H. WOODMAN — Paw Paw, Michigan MRS. ELIZAB'TH RUSSELL, Vancouver, Wash.

Greatest Discovery Know cure of HOG CHOLERA, and PIN WORMS IN

Executive Committee.
J. G. RAMSDELL, ChnTraverse Cit
H. D. PLATT. Ypsilant F. W. REDFERN Maple Rapid
F. W. REDFERN Maple Rapid
H. H. DRESSER Litable
H. H. HINDS
H. H. HINDS Stanton R. H. TAYLOR Shelb
THOS. MARS, ) F. og: (Berrien Center
THOS. MARS, JENNIE BUELL, Ex-Officio Berrien Cente
General Deputies.

Coldwater
Paw Paw
Schoolcraft
Paw Paw
Battle Creek Hon. C. G. Luce. Hon. J. J. Woodman J. T. Cobb Jason Woodman Mary A. Mayo. Robert L. Hewitt

Special Deputies.  A. Luther Barry County E. W. Allis Lenawee County Sis. E. D. Nokes, Church's Cor's, Hillsdale County Samuel Bruce Jones, Cass County
Sis. E. D. Nokes, Church's Cor's, Hillsdale County
Sis. E. D. Nokes, Church's Cor's, Hillsdale County
Namual Rrugo
Damuel BluceJones, Cass County
J. D. M. FiskColdwater, Branch County
R. V. Clark Buchanan, Berrien County
T. F. Rodgers Ravenna, Muskegon County
Isaac A. West North Branch, Laneer County
James Williams Eastport, Antrim County
Kopert Alward Hndsonville Ottown County
Wm. Clark Charlevoix, Charlevoix County
Committee on Woman's Work in the Grange.
Mrs. Mary A. Mayo Rottle Creek
Mrs. Mary Sherwood Hinds Stanton
Mrs. Mary A. Mayo Battle Creek Mrs. Mary Sherwood Hinds Stanton Miss Mary C. Allis Adrian

Revised List of Grange Supplies

#### Kept in the office of Sec'y of the 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 75 10c; per dozen.
"Glad Echoes," with music, single copies, 75 

Digest of Laws and Ramage 15
Roll books 15
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,
Ann Arbor, Mich.

GERMAN\_

HORSE AND COW **POWDER** 



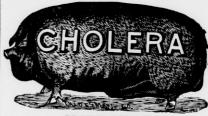
Is of the highest value to horses, cattle, hogs, and poultry. It assists digestion and assimilation and thus converts food into muscle, milk and fat which otherwise would be wasted. MORTIMER WHITEHEAD Says: "Ger-

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, buying a barrel at a time."

It is manufactured by Dr. L. Oberholtzer's Sons & Co., Phenixville, Pa., and sold at Wholesale Prices-viz:

Barrels—20 hs in bulk, 7½ c per pound Boxes—60 hs in bulk, 8c per pound Boxes—30 h—51 hs pack. 10c per pound By ALBERT STEGEMAN, Allegan, Mich. THORNTON BARNES, No. 241 North Water St., Philadelphia, Pa.

## OFFICIAL DIRECTORY STEKETEE'S



## **IMPROVED**

Greatest Discovery Known for the cure of

PIN WORMS IN HORSES.

HUNDREDS OF THEM.

Boswell, Ind., Oct. 13, 1890.

Mr. G G. Steketee:—Your Hog Cholera Cure, of which I fed two boxes to a yearling colt, brought hundreds of pin worms and smaller red ones from her. She is doing splendidly. We believe it to be a good medicine.

WILLIS ROBISON.

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 package: 81.50 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. Stekete: Dear Sir—I send you \$1.50 for which send me three packages of your Hog Cholera Cure. I have used it on colts and sheep and am well pleased with your medicine.

"Yours truly. A. D. BELL.

#### CRAND RAPIDS and Indiana Railroad

July 3, '92.—Central Standard Time.

GOING NORTH.	No. 1	No. 3	No. 5	No. 7
Cincinnati, Lv Richmond	P. M.	A. M.	P. M.	A. M.
Cincinnati, Lv		8 05	8 50	
Richmond	2 20	10 55	11 25	
		P. M.	A. M.	
Fort Wayne, Ar.	6 00	2 15	2 05	
Fort Wayne, Lv.		2 35	2 15	8 05
Nalamazoo, Ar	1 4 35	6 05	5 12	11 40
Naiamazoo, Ly	7 20	6 25	5 20	12 01
Grand Rapids, Ar	9 20	8 10	6 50	1 50
	PM	0 10	0 00	1 90
Grand Rapids, Lv	4 15	10 40	7 20	2 00
	- 10	A. M.	. 20	2 00
Cadillac	9.00	2 15	11 30	4 55
	0 00	2 1.0	P.	4 99
Traverse City	10 45		1 25	0
Petoskey	10 40			6 55
Petoskey Mackinaw, Ar		5 45	3 15	8 00
			4 45	9 35
GOING SOUTH.	No. 2	No. 6	No. 4	No. 8
	P. M.	A. M.	P. M.	P. M.
Mackinaw City, Lv	8 45	8 00	2 30 1	
Petoskey Fraverse City	10 20	9 30	3 40	
Traverse City		11 10	4 30	
		P. M.	- 00	
Cadillac	2 15	1 35	6 55	
Grand Rapids, Ar	6 20		10 40	
Cadillac Grand Rapids, Ar Grand Rapids, Lv	7 00		11 20	2 00
	8 50 1		12 55	
Kalamazoo, Lv	8 55	8 05		3 40
Fort Wayne, Ar.	19 40	11 50		3 45
Fort Wayne, Lv	1 00		A. M.	7 15
Richmond	1 00	12 10	5 45	
Richmond	4 20		9 15	
Cincinnati, Ar			12 01	
	P. M.	A. M.	P. M.	P. M.

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



231-7 Washington-Av. S., Lansing, Mich. Thorough and practical. One of the finest suite of rooms in the country, and a large, wide-awake faculty. Departments: Commercial, shorthand, typewriting, normal, penmanship. Expenses low. Don't decide to go elsewhere until you have sent for our year-book.

General Produce Commission Merchants

3449 Cottage Grove-Av.

and shippers Chicago, Ill.

TO ALL SHIPPERS OF PRODUCE-WANTED.

#### SMUT IN WHEAT AND OATS.

A Bulletin of very great interest to farmers has just been issued by the Michigan Experiment Station, concerning Smut. We make liberal extracts so that those of our readers who do not get the bulletin may have its benefits. If you desire the bulletin itself address the secretary of the College for bulletin No. 87.

to grow the affected plant as a and in many cases it reached 20. healthy one. We ask for bread The loss on the College farm this tach themselves to the kernels of there ready to grow when the oats from it in the following manner: are sown. But probably the threshing machine is the most effective way of bringing the spores of smut into contact with the wheat and oat seed. A single kernel may have thousands of these spores attached to it yet not be observed. The threshing machine becomes a ready means of carrying the smut

METHOD OF TREATMENT FOR WHEAT.

ature." The seed to be treated him for their seed to sow. should be placed in a sack that will It has been found by Jensen of than the healthy ones are not oballow the water to pass through Denmark, Kellerman and Swingle readily (a coarse gunny sack is of Kansas, J. C. Arthur of Indiana, good). According to the size of and others "that the per cent of the kettle the sack may contain heads destroyed by smut does not a different species from the "high from one-half to one bushel. A represent the amount that will be less amout will make the process recovered by treating the seed. slow and a larger amount will be There is an extra increase beyond unwieldy, and some of the kernels and above the amount that would DAIRY TEST AT THE COLUMBIAN may escape treatment. Dip the naturally be expected by replacing wheat into kettle No. 1, lifting it smutted heads with sound ones. out and plunging it in two or three | This extra increase in yield is due times. This process will take but in some to the effect of the hot a minute or so. Now dip it into water on the seed, unless perhaps the second kettle with water at 134° | the smut may have a more injuror 135°; keep the wheat well stirred. ious effect on the yield than is re-Perhaps there is no better way presented by the percent of smutted Sleeping cars, Grand Rapids to Cincinnati, on than to lift it out and plunge it in oats that can be seen. These experiseveral times. This should be ments have been too extensively and continued ten or fifteen minutes accurately carried on by different according to the temperature of scientists to admit of any doubt as the water and then spread out to to the "extra increase" beyond ter color question was satisfactory dry. A second person should simply destroying the visible regulate the temperature of the smut. the water and do nothing else. Probably it will be found best to have a fire under bettle N. J. C. Arthur 7%, and Kellerman have a fire under kettle No. 2 and Swingle a much larger increase. sufficient to raise the water to 145° The farmer will find more time to or 150° Fah., and then add cold treat his seed in the winter but in F. when the seed is put in.

temperature of the water has not broadcast without the expense of been reduced below 133°, the seed drying sufficiently to store. Bags should be removed and dipped into and dishes should be scalded becold water. If below 133° F, it fore the treated grain is handled should be left in fifteen minutes or in them. even longer if the temperature should fall below 130° F.

FOR OATS.

College and Station. should be removed and dipped into properly tested and marked therout dip in cold water.

The hundreds of experiments side by side have shown the prac- seed uninjured. tical value of this method.

wheat or oats and are sown with than a million of dollars. The selves. them. When the kernel of wheat farmers who raised 20 acres of oats or oats germinates the smut with straw, promising 50 bushels sisting on the inside of the plant bushels of oats. This is a low this is a low estimate. until finally, when the head appears, estimate for in no case where farit is smut instead of wheat or oats. mers actually counted the smutted stinking smut of wheat are parasitic It has cost nearly or quite as much stalks did the per cent fall below 8

and receive smut. Certain con- year will not be less than 350 bushditions of soil or weather may be els. The cost of treating is very them. more favorable to the growth of slight compared with the damage smut than others, but let it be dis- done by the smut. Three persons the same time the seed germinates tinctly understood that its presence is not due to any condition of soil to regulate the temperature of the water. one man to plant and live upon it until, finally, or weather. We sow smut and do the dipping, and another to the head of smut appears. we reap smut. In the case of oats prepare the grain for dipping and the wind may carry the loose spreading it to dry) can easily entirely prevented at a slight expowdery smut over the fields and treat enough seed in 1½ days to pense by the Jensen or Hot Water the spores become attached to the sow 20 acres. One man and a boy treatment. kernels of oats. These spores are could heat enough for ten acres in so small that they can not be seen one day. The kettles and tank of the water in kettle No. 2 should be with the naked eye unless there cold water should be arranged on 134° or 135° when the seed is put are many together, but they are one side of a post equally distant in. The seed should be taken out

One end of a pole should be from one farm to another. It has fastened to the post. The sack been found that these adhering spores may be killed by dipping will come directly over the kettles end of 10 minutes, they should be the seed into hot water for a few as the man at the end of the pole left in 15 minutes, they should be minutes, and yet not injure the swings it from one to the other. vitality of the seed. This method, This will be found a very convenient they should be left in a little longknown as the Jensen, or hot water way for lifting and plunging the method, was discovered by J. L. Jensen, of Denmark, in 1887.

The farmer who treats his seed to secure thorough treatment. The farmer who treats his seed No. 2 does not rise above 135° for will save several times the cost of treatment the first year. If there is no smut in the adjoining fields Kellerman, Arthur and others have Have two kettles of water not of oats, and his treatment the first found that "this treatment not more than two feet apart. Kettle year killed the smut, he will not No. 1 should contain warm water need to treat his seed the second (from 110° to 130° Fahrenheit). year and perhaps the third year. increase the yield." The water in kettle No. 2 should But if his neighbors do not treat be heated to 135° Fahrenheit. their seed, his oats will soon become affected by the threshing matrouble of treatment several times warming the seed preparatory to chine and perhaps in other ways. dipping it into the second. Unless In Kansas, so I am told by Prof. this precaution is taken it will be Swingle, one farmer of a neighbor-have no smut because you did not difficult to keep the water in the hood will treat his seed and the see it. In the case of oats the smut second vessel at the proper temper- next year his neighbors depend on

water to reduce it to  $134^{\circ}$  or  $135^{\circ}$  this case care must be taken to dry it thoroughly. If treated just be-If at the end of ten minutes the fore sowing the seed can be sown

THERMOMETERS.

thermometers, that do not need mally pledged twenty-five cows for The treatment is essentially the testing, for less than \$1.50. the test. same for oats except that the Cheaper thermometers are just as temperature of the water in kettle good if they have been properly Butter, cheese, eggs, potatoes, onions, apples, beans, cabbages, dried fruits, poultry, game, veal, lambs, beef, mutton, pork, furs, hides, pelts, tallow, honey, beeswax, broom corn, feathers, ginseng root, cider, vinegar, flour, buckwheat, etc.

No. 2 should be 139° or 140° F. when the oats are put in. If at the end of ten minutes the temperature is not below 135° the oats partment by which we can secure when the oats are put in. If at made arrangements with Prof. Michigan Fair, Sept. 19th to 23d. This the end of ten minutes the temper. Woodworth of the Physical De. ature is not below 135° the oats partment by which we can secure Fair.

cold water; if below 135° they mometers which we will send by should be left in fifteen minutes, mail to farmers in Mich., at cost or even longer if the temperature price (25). We go to this extra falls below 130° F. When taken trouble hoping that it will be of some help to the farmers.

With a good thermometer there conducted at Kansas, Indiana and will be no difficulty in following other experiment stations with the directions given above; the treated and untreated seed sown smut will be destroyed and the

In conclusion let me say that Prof. Swingle and Prof. Arthur we shall be pleased to answer any tell me that the farmers who have questions regarding smut or do tried it in Kansas and Indiana are anything else in our power to help METHOD OF INFECTION OF WHEAT enthusiastic in its favor. Had all rid our crops of this destructive the farmers of Michigan treated disease which is costing our far-The spores (seed of the smut) their seed last spring, there would mers much more than is generally attach themselves to the kernels of have been saved to the State more known even by the farmers them-

#### SUMMARY.

spores also germinate and enter per acre, received but 45. In in the oat crop alone caused by 1. The loss to Michigan this year the young plant, growing and sub- other words the farmer loses 100 smut will exceed \$1,000,000.00 and

2. The smut of oats and the plants.

oats or wheat and are sown with

4. The spores germinate at about

6. For wheat the temperature of in 10 minutes if the temperature does not fall below 133° F.; if below 133° it should be left in 15 minutes or even a little longer if the temperature should fall below

7. For oats the temperature of the water should be  $139^{\circ}$  or  $140^{\circ}$ when the oats are put in and they should be taken out in 10 minutes No. 2 does not rise above 135° for wheat and 140° for oats.

only removes the smut from the crop, but improves the growth and

is mostly blown off before harvest served.

11. What the farmers of Michsmut," but both are subject to the same treatment.

### EXPOSITION.

At the recent conference of rep resentatives of breeders' associations which expect to participate in the dairy test at the Columbian Exposition, the following scale of points for judging butter was agreed upon: flavor, 60; grain 30; color, 10. Whether or not butter color should be used was left the test committee to decide. Neither ter color question was satisfactory to the Holstein-Friesian people. After further consideration Chief Buchanan announces this new scale which represents his final decision; flavor, 55; grain, 25; solidity, 10; color, 10. Furthermore he has decided that the use of butter color shall be optional with the representatives of each breed on the test committee. The scale by which cheese will be judged is as follows: flavor, 55; texture, 25; keeping quality, 15; color, 5. The same condition as to coloring applies. The Holstein-Friesian people have signified their acceptance It is difficult to secure reliable of these conditions and have for-

> Do you like Fast Horses, or to see them go? Witness the fine races upon the track at Comstock Pakr, at the West and records will be broken here at this

### Notices of Meetings.

KENT POMONA.

Hall October 5th, 1892.

the 22d, Orion the 23d, and Oxford and general discussion. the 24th of September.

ST. CLAIR POMONA.

The St. Clair County Pomona Grange No. 12 is to be held at Grove Grange Hall September 21. Will be opened in the fourth degree at 10 o'clock a.m.

Music by Fremont Center Grange. Welcome Address by Bro. W. B. Campbell, W. M. of Grove Grange. Response by Bro. Green of Fremont Center Grange.

Music. Reports of subordinate Granges. Essay, Charity," "Faith, Hope and Sister Bradshaw of Grove Grange.

Discussion, "District Schools Thirty Years ago," opened by Bro. T. Martin, followed by others.

Select reading by Sisters Terpening, Minnie Martin and Mc-

"What Laws should Congress enact for the future Welfare of our Country?" by Bros. Terpening, that exvotes." Quail and Lamb.

Music. Recitation, by Bro. Andrew Martin.

Discussion, "Which pays best, to send milk to Cheese Factory, or to make Butter in the months of July and August?" by Sisters Stoffer, Holley and Beard.

Music. "Farmers Institutes; are they useful? if so, how should they be conducted and supported," by Bros. Beard, Campfield and Mitchel.

Question: "How shall we entertain Visitors at our homes," Sisters A. K. Gardner, D. Beard and Campfield.

'Public and Farm Roads; how shall they be made and repaired," Bros. Kerr, Little and Maynard.

Essay by Bro. Snider, Jeddo All fourth degree members are

By order of Committee.

BERRIEN COUNTY POMONA.

and 12th days of October.

Patrons, here is an opportunity of sive program is being arranged and in the Grange." it is the design to make this the most enthusiastic meeting of the year. Program published later.

W. J. Jones, Lecturer. per R. V. CLARK.

Bro. Clark says further— MR. EDITOR: Our worthy lecturer, W. J. Jones, was stricken with another copy. paralysis last May and is now at Battle Creek for treatment. He is slowly improving. At his request I am arranging the above program. This will explain to you the situation. Bro. Jones cannot attend to it. His left side is paralyzed. R. V. C.

## SAD NEWS.

Brighton, Sept. 8, 1892. On Thursday evening, Aug. 25th, Bro. Frank McClements was drowned while bathing in Hicks' Lake. He was in his 22d year. Through his death the Grange loses a worthy member, his parents an affectionate son and the community an honest and exemplary young Yours Fraternally, F. DEAN,

Secretary Brighton Grange.

If you are a Patron you ought to have the VISITOR.

#### HILLSDALE POMONA.

be held at Whitneyville Grange most of the official members pres- had done. ent, reports of Granges were called Arrangements have been made for Sister Mayo to make a week's trip of lecture and inspection work in Oakland county, visiting Farmino Oakland county of ington the 19th, Birmingham the rest of the forenoon was given for 20th, Pontiac the 21st, Rochester remarks for the good of the Order Parson Brown." These additions sums thirty years ago to prosecute

The next meeting of Manistee Granges and are doing a good work. made good selections and they were we have called in and issued others District Pomona Grange No. 21
will be held at Pleasanton Grange dale County Agricultural Associawill be held at Pleasanton Grange dale County Agricultural Associalargely of the temperance charac4%. We must continue to pay hall on the first Tuesday in October at two o'clock p. m. All fourth county fair to be held next month.

Hall on the first Tuesday in October too, wished to call attention to our ter and well calculated to cultivate the pay the entire national debt.

Hall on the first Tuesday in October too, wished to call attention to our ter and well calculated to cultivate the pay the entire national debt.

Hall on the first Tuesday in October too, wished to call attention to our ter and well calculated to cultivate the pay the entire national debt.

Hall on the first Tuesday in October too, wished to call attention to our ter and well calculated to cultivate the pay the entire national debt.

Hall on the first Tuesday in October too, wished to call attention to our ter and well calculated to cultivate the pay the entire national debt.

Hall on the first Tuesday in October too, wished to call attention to our term and well calculated to cultivate the pay the entire national debt.

Hall on the first Tuesday in October too, wished to call attention to our term and well calculated to cultivate the pay the pay the entire national debt.

Hall on the first Tuesday in October too, with the degree members in good standing are cordially invited.

The association is making an had the dramatic, pathetic and comic, and we all cheered and bacco, liquor or imported goods.

The association is making an had the dramatic, pathetic and bacco, liquor or imported goods. best fair ever held in Michigan. Three car loads of exhibits from Three car loads of exhibits from essays will be sent to the Visitor not to the government but to the State Aricultural College would for publication. be there, and Vick would have a

called on.

Bro. Van Arsdale: "Had not heard much about trusts and syn- of hard times.' dicates of late. He wished to have them discussed."

syndicates pasturing our public lands of the west to the detriment paid over \$200 for a binder; last year fruit farm. All depends upon the of the farmer?"

that ever existed with the clubs of than it would ten years ago.

ought to have more than one chil- sion." dren's day in a year; and what about Juvenile Granges? Sister time to give the fifth degree to Nokes had received no communica- seven fourth degree members. This tion on the matter from our State was quite an interesting exercise.

State Secretary and you can get of instrumental and vocal. full directions.

children in our Grange, and it think he was in an M. E. camp

hundreds of them at the State spent, full of pleasure and profit. was wrecked on Lake Michigan and her School at Coldwater. Any one can Acme is situated in the extreme crew of seven lost. have one by going for one. Go southwest corner of Michigan, and Twelve companies of state troops will

don't believe in home industry."

the brother's statement." [An up- Acme, which means the top of all

Bro. Dresser: "Would like to They claim to be the best Sub-Berrien County Pomona Grange will be held with Lake Grange in member and had got the Visitor not for a few others disputing the claim.

Idea of the disputing the second on in every house that was represented in every house that was represented in the claim.

Idea of the disputing the second on the disputing the claim.

Idea of the disputing the second of the disputing the claim.

Idea of the disputing the second of the disputing the claim.

Idea of the disputing the second of the disputing the claim. Tuesday and Wednesday the 11th in the Grange, with the money for

Sister Nokes: "The VISITOR giving Lake Grange a housewarm- has improved wonderfully of late ing in their new home. An exten- and it ought to be in every family

Bro. Haughey: "There is a good deal of complaint about the VISITOR not coming regularly, by members of our Grange.'

Bro. Dresser: "It is not the plain fault of the editor, but of the mail ing. service, and a cent postal will bring

Bro. Van Arsdale: "Of what politics is the VISITOR?" Bro. Dresser: "It has no politics, but is fair to all parties. pay? There is not an article from one

side without a reply from the other, why? and it has published the platforms of the whole four." Adjourned for dinner, of which

in the midst of hard times. The of bonds would they have to degood sisters of Acme know how to posit? cook but not when to stop. At one o'clock called to order. Brother Cooney gave the wel- investment?

come address, spoke of the unity of the Grange and a good time near at hand. Said that Acme did

life; her surroundings and it being PRESSES OF ROBERT SMITH & CO., the twenty-fifth anniversary of her

Hillsdale Pomona held its Sep- one Grange to another, and we savings bank promises better retember meeting with Acme Grange should carry them to the legislator. turns. If you still choose to or-The next regular meeting of on the 1st. After the opening In after years we regretted more ganize a national bank proceed Kent County Pomona Grange will exercises and roll call which showed what we did not do than that we under the guidance of a competent

> for which showed 417 members in in the VISITOR was then called and the business. to the program were well received. the war, issuing our bonds promis-Woman's aid societies were organized in Acme and Adams ling would hardly be just. All at from 5% to 7 \frac{3}{10}\%. These bonds white LEAD FOR FAR

Bro. Coleman: "Ohio Granges now on the table below than there premium. are stronger in material if not in numbers than ever."

Bro Handbare "Thoro has the table below that there premium.

5. This depends upon the amount of circulation they would issue.

Bro. Van Arsdale: "High prices deposited. nem discussed."
Sister Nokes: "What about the opoly was the cause of depression."

6. I will answer to a cent if "T." will tell me what the enterprise

Exercises were cut short to give management.

Music throughout the exercises Bro. Dresser: "Apply to our was abundant and of the best, both

The melodies were not confined Sister Phillips of Likley's to Grange songs but took in the Grand Richards and at times one might balanced. children in our Grange, and it would be difficult to form a juven-meeting. God bless Acme for her from Jackson prison and two, refusing to regard for the spiritual. At the halt, were shot. Bro. Van Arsdale: "There are close we all felt it was a day well

and get some and then there won't be a dearth."

its Grange material is drawn from three States, and this compound of the escort the governor to the dedicatory exercises in Chicago, October 21. Bro. Nickles: "The brother Wolverine, Buckeye and Hoosier, Six Chinamen made a crossing of the makes a mixture that the alchemist Bro. Van Arsdale (with a pair of never dreamed of. And when they twins): "My record goes back on get it all together they call it I believe.

send a good list of subscribers to ordinate Grange in the State. This the owner and his family. The third quarterly meeting of the Grange Visitor. In his might be conceded, as they have Berrien County Pomona Grange Grange he had buttonholed every 100 live active members, if it were

#### A QUERY ABOUT BANKS.

Shelby, Aug. 24, 1892. Grange Visitor—We read with success much interest and profit D. Strange's article on Banking.

For the information of myself and others, Mr. Editor, I should be pleased to have Mr. Strange explain the process of National Bank-

If a company of gentlemen wanted to start a national bank, 1. What steps would they have

2. What interest do the banks

3. Who pays the interest, and 4. Are the bonds at premium

and who pays the premium. 5. If a company wanted to start there was an abundance and of the a national bank in Oceana county best It did not look as if we were with \$100,000 capital what amount

> 6. What would the enterprise pay, probably, i. e., what interest on

Grand Ledge, Mich., Sept., '92. 1. Procure a copy of the banking not want to kill us with kindness laws which gives full details. After but to come just as near to it as perusal you will probably conpossible and let us get off alive. possible and let us get off alive.
Sister Nokes responded. "It ganizing in this village, that the

LANSING, MICH.

wedded life made it so. Pomona profits from circulation are so was carrying golden sheaves from questionable that they believe a had done.

The regular progam as published tical knowledge and experience in kite-shaped track.

monopoly. Discussion—"What is the Cause 4. Two per cent bonds are at greater display of vegetables and of the depression in Agriculture?" par while 4 per cents are now Bro. Haughey: "It was first worth 1171 to 1181, but as 4 per the Subordinate Granges to talk it the opening up of our western cents will in a few years be paid off country making over-production, at par they are no more desirable, Brother Coleman of Ohio was and secondly our extravagance. will net no better returns than 2 There were more sugar-coated cakes per cents. The purchaser pays the Favorite

Bro. Haughey: "There has other things, we were aping the Twenty-two thousand five hundred been a thorough weeding out to their advantage in strength."

Other things, we were aping the Twenty-two thousand five hundred dollars is the minimum and for this extravagance and live as we used to they deposit \$25,000 in headextravagance and live as we used to they deposit \$25,000 in bonds. and there would be no complaint Ninety thousand dollars is the maximum and requires \$100,000

Bro. Dresser: "Ten years ago I will pay if I invest \$10,000 in a got a better one for a little over location, the man and the manage-Sister Hunker: "Go for them \$100. So much for high prices. ment. Fruit farms have yielded with war clubs, and you can pound One bushel of wheat today will larger profits than bank stock ever the life out of the biggest abuses buy more of almost anything did. Fruit farms have also more botes."

Sister Hunker thought that we light to have more than one children between the consumption that causes depression."

than it would ten years ago."

Bro. Mumford: "It is under they are not so generally started under the supervision of men who sion."

Bro. Mumford: "It is under they are not so generally started under the supervision of men who have moved their men who have moved the men who have moved the men who have moved the men who have moved their men who have moved the m have proved their efficiency in

DANIEL STRANGE.

## NEWS NOTES.

MICHIGAN.

Local option won in Van Buren county. Jesse B. Hamilton drowned himself in Grand River at Lansing. Mentally un-

The lumber schooner City of Toledo

River and succeeded in getting to Battle Creek among friends. Six more the next night were captured.

The huge steel freight steamer Western Reserve broke squarely in two on Lake Superior and went to the bottom. Twenty-seven lives were lost, including

The Labor Day celebrations in Michple, the largest crowd ever seen there, and the procession was said to be three miles long, and was one of the finest sights ever witnessed in the capitol city. In every respect the celebration was a

NATIONAL.

George William Curtis is dead. Minister Egan is expected home. Daniel Dougherty, the famous orator,

John G. Whittier passed quietly away in his eighty-fourth year.

Zimmerman, the cyclist, made a mile in 2:06 4-5 on a regulation track. The Odd Fellows hold a conclave at

Portland, Oregon, beginning the 19th. The Charles W. Wetmore, the famous whaleback," was wrecked on the Pacific Send For Terms at Once

Nine people killed and 40 injured in a wreck on the Fitchburg road in Massachusetts.

Abram S. Hewitt has donated Plum Island for use as a detention station for cholera cases.

Nancy Hanks has now a record of 2:07

The quarantine regulations at New York are all that has kept cholera from our midst. Several ships have arrived. having cases of cholera on board, but no cases have appeared as yet within our

The VISITOR will get to you until April 1st '93, if you will

#### WHITE LEAD FOR FARMERS.

Orange Co., Vt., Sept. 2, 1892. Dear Brothers:-The Ingersoll Liquid use Ingersoll's Paints, they are the best, and you can buy "direct" at lowest wholesale prices. Fraternally yours, J. Spencer Hackett.

(See adv. Ingersoll's Paints. Ed.)

to the Summer Resorts

> of Northern Michigan

TRAVERSE CITY ELK RAPIDS CHARLEVOIX

RESORTS

CHICAGO and WEST MICHIGAN RAILWAY

> DETROIT LANSING and NORTHERN RAILROAD

The West Michigan is now in opera-

tion to Bay View, and is the ONLY ALL RAIL LINE TO CHARLEVOIX

Through sleeping and parlor car service from Chicago, Detroit, Lansing and Grand Rapids to Petoskey and Bay View.

#### THE SCENIC LINE

Over forty miles of beautiful lake and river views north of Traverse City. Try it when you go north this summer

FRANK TOWNSEND, GEO. DEHAVEN, Agent, Lansing. Gen'l Pass'r Agt., Grand Rapids.

## **AGENTS** WANTED

To Canvass for

THE GRANGE VISITOR

Terms Liberal

## Mighigan Grain Growers

Farmer's Favorite Fertilizer

It reduces the cost of the crop by increasing production. The following analysis prepared by Prof. Kedzie, is guaranteed: Nitrogen, 3 to 3.50 per cent; Equal to Ammonia, 3.50 to 4.25 per cent; Soluble Phosphoric Acid, 7 to 9 per cent; Reverted Phosphoric Acid, 2 to 3 per cent; Total Available Phosphoric Acid, 9 to 12 per cent; Equal to Bone Phosphate of Lime, 20 to 26 per cent; Insoluble Phosphoric Acid, 1 to 2 per cent; Potash, 1.75 to 2.25 per cent; Equal to Sulphate Potash, 3.50 to 4.50 per cent.

ONLY \$25 PER TON, FREE ON CARS AT WORKS

Address all orders to

MICHIGAN BEEF & PROVISION CO.

27 Cadillac Square, Detroit Reliable agents wanted in counties where we are not yet represented