GRANGE.

Grange at Orson by W. H. Bullock.

ca. using corn for this reason; it was the weeds have drawn upon the seen the germination tests of these home of Indian corn.

ily, is an annus but unlike most backward. There were several cases on the side of the stalk.

in other kinds, and it also remains ches deep. in the "doughy or roasting ear." der. Pod corn or husk corn is of low planting in lumpy dry soil. The come mixed with the kernels from lation of years. no special value as a field crop, be- moisture is not sufficient for rapid the ear next to it. After the ker- The selection of seed corn by the the ruralties. The unsatisfactory like those of the first varieties, but Cultivation should be level and fre- is known. Place the kernels from unlike them, in that the entire ker- quent when the corn is small. It ear of corn No. 1 in square No. 1 of ter the corn has been cribbed. nel, except the germ, is made up of may be deep at first but it must be the germination box, from car No. 2 soft, starchy or flowery appearing shallow later. Methods of course in square No. 2 and so on with the while gathering. material, and it has been frequently will vary greatly with local condi- kernels from all of the ears; then fint varieties are smaller and earlier importance that are often overlook-plarger than the box, cover with about most desirable cars, than the dent varieties and are ed. Many assume that there is no- two inches of moist sand, dirt or saw- Of these three ways, the latter is of the corn produced in the great cultivation. Where ground is left kernels are about two or three inches "Corn Belt" of the United States be- two weeks or longer it becomes long, the covering should be removlong to this class. There are many packed and foul with weeds which ed, care should be taken not to disvarieties differing widely in color, take up the moisture and plant food place the kernels. (A cloth spread size and time of maturity.

The increase in yield and exten- the corn. It is important that the is put on will prevent the kernels sion of the acres planted in this corn should not become stunted from sticking to the upper cover). strictly American crop have kept when young as it never fully recov- Now take a thorough study of the growth of our country. Corn is conditions.

We should keep a good mellow which either failed to grow or are is the whole grange, yet he will cerking of the cereals and the most important crop of American agricul- lively tilth until the corn shades weak, showing low vitality. Do not tainly be held responsible for decline ture. It is the back bone of farm- the ground. The time to kill weeds fail to throw out all such as these, in interest or in membership, and ing in this country. Live stock of is before they come up and before If the condition are unfavorable, if so the rule of fair play should enevery kind are fed upon rations, in- they have deprived the corn of mois- they will fail to grow, or growing title him to credit if the grange is to which it largely enters, both here ture and nourishment. Where it is will produce only weak stalks, and successful. and abroad, and it is claimed that possible to do so, it is a good plan bearing nothing or only small in-

First .- Although the grange is a it feeds more human beings than to work the ground once before it ferior ears. But this does not, by school, it cannot be governed by any means, measure the damage done fixed rules. It has been my ex- WE HAVE IT. any other grain except rice. It comes up. grows in almost every section of The preparation of the seed. For by these inferior stalks. They pro- perience that it is not always best America. There is no one best meth- planting poor seed means a poor duce millions of grains of pollen to to call to order at a stated time, but od suited to all sections or to the stand with missing hills and missing drift over the field to fertilize the to be governed by the number pres different soils of a section nor even stalks; it also means wasted land silks of ears on vigorous stalks, thus ent, and at the same time do not to the different fields of the same and wasted labor. It is estimated continuing their worthlessness from delay the meeting too long so as farm. Frequently two very differ- that the average yield in the U. S. generation to generation. If six to tire those present.

The ground has become packed by station in Ohio to be tested. These cultivator. Now and then during ery in New England. snow and rain and should be har- samples came from every section of the year a half bushel or so was shellrowed as soon as possible. This the state and were made up in each ed and ground at the water mill for is composed solely of the families of will conserve the moisture and les- case of 200 kernels taken from 100 family use. The balance of the crop this thrifty farming section, and the sen the firing of corn in July and ears, thus giving a representative of went to the chickens, pigs and horses. average attendance is over 160 an-A Paper Read Before Pomona August, so common to fall plowing, each man's seed. These samples No one can realize what a mighty nually. This large attendance en-Ground that is very rolling and like-y to wash should not be plowed in test. This large number of tests seen the hoe give way to the hand meetings at all times of the year. the fall. We should bear in mind show that an average of 17 per cent. planter and in turn to the check row- One peculiarity is the fact that no Corn culture, saving the seed, that one of the most serious losses was dead, that is, either the stem or er, the five and six acre to the eighty evening meetings are held, all betesting, etc.-Indian corn or maize of the corn crop every year is due root sprouts or both failed to grow, and one hundred acre fields, the lit- ing held in the day-time. is a native of America. It was to late planting. Experiments show and that an additional 19 per cent. the hand full of hominy and meal by not known to Europe. Asia or that late planted corn seldom yields was low in vitality and unfit to the miller to the multitude of differ- third Saturdays of every month the Africa before the discovery of Amer- as much as that planted earlier and plant, leaving only 64 per cent. of ent products now shipped daily from members assemble and the business When the white man came to the quality is inferior. The ground good steed. If every person inter- our factories by train loads to every commences. At the noon recess a this country he found the Indian becomes hard and out of condition, ested in growing corn could have country of the globe. called Indian corn and the best evi- moisture and available plant food, thousands of samples of corn, it It is estimated that 75 per cent. is the day are completed, and all get dence at hand seems to point to the crop comes to the dry spell in a would not be necessary to appeal to consumed on the farm. Fifteen per home in time for the evening chores. Central America as the original more critical stage, the proportion you for the testing of six kernels of cent. is used for manufacturing purof barren stalks is greater and it corn from each ear intended for poses and ten per cent. is exported. the meetings are held, which is a It was found in the mounds of the matures more slowly, contains more planting. How to make the germin-Mound Builders, a race of people water and is much more likely to be ation test.—Use a box 4 or 5 inches so many products are made. More the lodge room, dining room and who inhabited America prior to the caught by the frost. Every year deep and about 2 by 3 ft. in size, than 150 products being made from kitchen completely equipped for Indians and in the Smithsonian In- thousands of farmers lose heavily fill the box about half full of saw the stalk, cob and grain. The fol- serving large numbers and a library

Take a piece of white cloth about feed, paper, pipes, etc. other grasses produces its grain on reported last spring here the seed the size of the box, rule it off check- I was startled some time ago when purchasing new books.

one or more shoots from the joints, from the same sack in different er fashion one and one-half inches I read of L. B. Clore of Johnson fields giving good stands in one and each way, number the checks, 1, 2, county, ind., who won the grand There are six classes or races of poor in the other. Investigation 3. etc., and place it on the sawdust championship prize of \$1,000 in gold corn: Pop corn, Sweet corn, Pod showed that the poor stand was due in the box and tack it on the box in and \$1,000 trophy for the best 10-ear nia at a meeting at Selinsgrove, corn, Flower corn, Flint corn, and to deep planting. Corn is generally the corners and edges sufficiently to exhibit of corn at the national corn Snyder county, said that the "good Dent corn. The pop corns are gen- planted deeper than we suppose, hold it to its place. Lay out the exposition at Omaha, Dec. 9, 1908; roads" built by the highway departerally smaller than the fields corns. The planter wheels frequently sink ears of corn to be tested side by side also of I. S. Long, of Lebanon county, ment were "miserable and expensive have many suckers and the kernels into the earth about two inches and on the floor in rows, and drive two Pa., who has been breeding corn for failures. During the years of its are small, hard and flinty. The the corn is covered another two in- nails at the ends of the rows to hold vitality and quantity, and who has existence no definite plan has been characteristics of the Sweet corns ches, the planter tracks become fill- the ears in place, remove one kernel won the World's record corn-crop of established except a religiously carare less starchy and more sugar than ed in and the corn is about four in- from near the butt, another from the yield. The result is that he produc- ried out method of squandering middle and a third from the tip of ed 130 bushels an acre on 73 acres, money. There is too much mahog-We often watch the planter for a the ear; turn the ear over and re- and more than 140 bushels an acre any desk business about building stage much longer, and the kernels few rounds then pay slight attention move three kernels from the opposite on 17 acres. Think of Mr. Long's the so called state roads. are very much wrinkled when to the depth of planting. The soil side in like manner, making six ker- achievement, 12,000 bushels of corn time a strip of such highway is to be thoroughly matured or ripened, is mellower as we get away from nels in all, thus securing a represen- from ninety acres of land. At the made or repaired an office attache They are especially valuable for the headland and consequently the tative sample from the entire ear same time, just remember that no from Harrisburg is sent to the canning, boiling and roasting, and corn is planted deeper than we sup- Place the six kernels at the end of farm in the west has ever done so scene. Generally he looks wise, and some of the varieties, like Stowell's posed. On the other hand there is the ear from which they were taken. well, even on soil black with humus that is all. Although not cognizant Evergreen, are much used for fod- no more serious mistake than shal- Use care that the kernels do not be- and rich with plant food, the accumu- of locally peculiarities of the road-

ing grown merely as a curiosity. germination, the seed soaks up nels are removed, boards may be farmer from his own crop is gener- upkeep of many of these thorough-Each kernel is enclosed in a husk. slowly, comes up unevenly with a laid over the rows of corn to keep the ally accomplished in one of three fares is a striking evidence of the ears in place until the germination ways:

First. By picking out the seed af-Second. By selecting the best ears

Third. By going into the field be-

used to adulterate wheat flower. The tions, but there are some things of place over this a cloth considerably fore harvesting time and selecting the

grown in those sections or states thing more to do after the corn is dust and keep in a warm place. In the best, because a better selection north of what is known as the corn planted for two weeks or until it about eight or nine days, when the can be made, when the entire plant, belt. The Dent corn, practically all is up and large enough for the first stem sprouts from the most vigorous as well as the ear can be considered. W. H. BULLOCK.

THE GRANGE MASTER.

and also make it different to work over the kernels before the covering Characteristics Required to Make a Successful Officer.

The master of a grange should place with the rapid and wonderful ers, even under the most favorable six kernels in each square in the ger- feel the responsibility of his posimination box and carefully note those tion. While he should not think he

The membership of Turner grange At 10 o'clock on the first and

dinner is served. At the close of What becomes of the corn crop? the afternoon meeting the labors of

This grange owns the hall in which stitute at Washington may be seen from late planting, many of these dust or moist earth, packed down lowing are among some of the more with over 700 carefully selected volspecimens of corn taken from the are good farmers and are unexpect- firmly so that it will leave a smooth, important: Several kinds of corn umes. The latter is installed in a tombs of ancients. One specimen of edly delayed with spring work by a even surface. In case saw dust is flower or meal, starches, sugars, can- very attractive library room, nicely corn was found twelve feet under combination of bad weather, scarc- used, it should be placed in a sack, dies, syrups, alcohol, whiskies, oils, carpeted and containing reading ground in a jar buried in a grave ity of help, etc. Too deep planting then placed in a tub of water for salad dressing, rubber, hominy, brew- facilities. A librarian is in charge with a mummy. Corn, like wheat is especially bad when the seed is half an hour so that it will be er's grists, cellulose, dextrine, paste, during each meeting, and books are and oats, belong to the grass fam- weak, or the spring is cold and thoroughly moistened before using. mucilage, beer, germ oil cake, gluten taken and returned by members, Over \$100 is annually expended in

A State Master on Good Roads,

State Master Creasy of Pennsylva-Every bed, he disregards the suggestion of

employees' own ignorance.'

ROCKEFELLER'S VIEWS FIRST HAND.

It is interesting to know the views of Mr. John D. Rockefeller on the subject of money-making. These views have not reached us second-hand, but are from his written word, reproduced in facsimile of his handwriting on the front cover of the World's Work. Says Mr. Rockefeller, in bold red ink: "I know of nothing more despicable and pathetic than a man who devotes all the waking hours of the day to making money for the money's sake." Coming from such a source,

this statement is interesting-if true. THE CITIZEN Has made arrangements for A FIVE MILE FOOT **RACE** MARATHON PLAN Decoration MAY 31 Handsome Gold and) Silver Medals will be Awarded the Winners!

ENTRANCE FREE

To all competitors living in the county, exclusive of professionals; entries to be made at any time prior to May 20th.

ALL CONTESTANTS will be re-onired to submit to a physical examin-ation by competent physicians, to insur-proper endurance condition for race.

FURTHER DETAILS including in-structions for proper training, will ap-pear in succeeding issues of The Cirizes.

CITIZEN JOB PRINT means STYLE, QUALITY, and PROMPTNESS. Try it.

OUR STOCK OF MEN'S CLOTH. ING IS LARGE ENOUGH TO SUPPLY EVERY NEED!



ent methods may give equally good is less than twenty-five bushels per kernels from every ear intended for Second .--- The master should be results. There are no fixed rules acre, yet there are hundreds and planting on every farm in the United reasonably familiar with parliamenthat may be followed blindly, for thousands of farmers who produce States were tested in a germination tary rules.

the growing of corn, any more than sixty, seventy, eighty, and even box and all the weak ones discarded Third.—He should be prompt and in other farm work. Have good ninety bushels per acre. An instance it would add millions of bushels to fair with his decisions and courte-Third .- He should be prompt and ground, do the work on time and is recorded where one man raised the crop of the United States annu- ous to all.

do it thoroughly, should be the over seventy bushels per acre when ally. There is no one thing that Fourth .- Owing to the prominent a neighbor on an adjoining farm costs so little and would add so much part which he is of necessity commotto. It was but a few years ago that raised less than twenty, yet the to the profits of the farmer. There pelled to take in all meetings he the farms of the corn belt were land values were the same and the is no good reason why every ear should be quick to think and act broken from the virgin soil, and labor required to raise the twenty should not be tested. Harvesting and also very brief so as to avoid that because they have been able bushels was as great as to produce and storing seed corn. In every ear the possibility of becoming tireto crop the ground continuously for the seventy bushels. If one man can of corn intended for planting next some.

the past, is no assurance that they produce sixty and seventy bushels spring was harvested this fall, not Fifth .--- In conferring the degrees may continue to do so with profit per acre, the other man can do it later than the middle of October, the master should use all the in the future. The fact is that the also and must do it if we are to and hung up in the attic where it means at his command to make the time is near at hand when we must achieve our agricultural possibili- could dry thoroughly before the bit- ceremony of interest to those who give greater attention to the fer- ties. ter cold freezes of November or De- are already members, for in some

tility of the soil, to the conserving In the corn belt it is customary to cember, millions of dollars would be instances members have been known and restoring of the elements of plant in hills 31/2 feet apart each added to the value of the next year's to stay away when the degrees are plant food or we shall soon be com- way, three kernels in each hill, thus corn crop. While there are many given. He should make himself pelled to pay millions of dollars for making 3,553 hills to the acre or who exercise great care in the har- perfectly familiar with the unwritthese elements, in the form of com- 10,668 stalks, if each kernel grows, vesting and storing of the seed corn, ten work that he may be able to mercial fertilizers. Fall plowing If two stalks in each hill bore noth- yet we must all agree that the ma- impress it on the minds of the canfor corn. There seems to be a great ing but the other grows a small ear jority have become extremely care- didates in a clear and interesting diversity of opinion regarding the weighing only eight ounces (140) less, often depending upon occasional manner. merits of fall and spring plowing, ears in the bushel, we would then good care found throughout the en-Sixth .-- 1 wish to make this par-

even in the same neighborhood, have five bushels per acre or more tire husking season for seed, and in ticularly clear. The master should among the advantages of fall plow- than the average of the United thousands of cases the seed for plant- consider himself the host for the ing are the following:

1. Having the ground already plowed in the spring, gives us time stalk producing just a medium ear mendous waking up to the import- present. This can be done by takto better prepare the ground, and will give a yield, it is estimated, of ance of the better care of seed corn, ing pains to speak to all either bewhat is of equal importance to get from 50 to 80 bushels per acre, especially in the corn states. our corn in on time.

States.

sod ground.

plowed early in the fall.

ing are:

and washing on rolling ground.

the corn during the latter part of dry season.

2. A better prepared and a warm- Because there are so many missing right. Would it not also be well to who are new members or not reger seed bed and consequently a bet-ter stand of corn. hills and one stalk hills, hills that have a Corn Harvest Day? A day are producing nothing or only half when every one should begin the har-Seventh.-The 3. Less danger from insect ene- what they should and because there vesting and storing of his seed for the carry out as far as possible in his mies and especially in the case of are many thousands of stalks that following spring. are barren, producing no ears. Poor

will germinate and will be killed by and is more responsible for a poor tury are just waking us to the fact felt for the good of the community. the fall freezes, especially in this stand and the weak stalks than all that King Corn has recently taken By increasing the influence of the true where the ground has been other causes put together. Strong possession of the country. In 1906 Order we will induce others to join germination is necessary, it is quite it represented a value of \$1,120,000,- with us in the spirit of fraternity Some disadvantages of fall plow- generally supposed that if the seed 000 or more than the combined which is spreading over the entire

sprouts in the spring it is all right, values of cotton and wheat. In the state and the United States as well 1. Occasional losses from blowing while much of it has often been so center of the corn belt, the value of weakened that it will not grow, es- corn exceeds that of all crops com-

2. Unless the land is harrowed pecially if the ground is cold or bined. Last year (1908) the corn early in the spring there is a loss of the seed planted too deep or if it crop was estimated at 2,600,000,000 Turner Grange, Maine, Has 450 moisture and consequently firing of it gives only a weak stalk. The bushels. No other crop exerts so Members and Owns its Hall. The fact is that poor seed costs great an influence over the destines

July and August, especially in a the United States many millions of the enterprise of man. It is a 6, 1874, and has reached a membery season. 3. Spring plowing does not give bushels of corn annually. Few people new crop, only a few years from the ship of nearly 450. This grange is hands of the Indians, when a few located in the fine farming town of as good an opportunity to spread each year and we cannot afford to hills were planted and the entire crop Turner, noted for its excellent farms, manure during the fall and winter. be too careless with our seed corn. ground in a cup; and it is but yes- thrifty farmers and Turner creamery,

The mistake is commonly made by During the last three years, many terday that our fathers planted the which sells over \$380,000 worth of leaving the fall plowed ground with-thousands samples of seed corn corn crop with a hoe and cared for out cultivating until time to plant. have been sent to the experiment it with the same, aided by a one-horse said to be the second largest cream-T. B. CLARK

TAKE THIS COLLEGIAN cut, for instance; it is one of the distinguishing models which will be worn by fashion leaders this spring. Two button, slanted button holes, vent, side seams creased. There's a dash of style and su-periority of finish that at once stamps it the product of master t ailors !

Adler's Collegian Clothing retains its shape because of a careful and scientific construction, and perfection in workmanship.

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BREGSTEIN BROS. Honesdale.

H. C. HAND, PRESIDENT. W. B. HOLMES, VICE PRES.

fore grange or at some of the in-Then why are we not getting it? We have Arbor Day and it is all termissions and especially to those We want you to understand the reasons for the ABSOLUTE SECURITY

ing in the spring, is simply selected evening and make all feel at home

A good stand of corn and every from the crib. There must be a tre- and that he is pleased to see them

master should daily life the noble teachings of our The people of the United States at Order as laid down in the ritual that 4. Many weed seeds in the ground seed is another serious drawback the beginning of the twentieth cen- the influence of the grange may be

A MODEL GRANGE.

Turner grange was organized June

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