oaching v it has century for my me that ; he was ace. At to four you will

NDED 1864

I knew acre on wheat not hurt that a to eight e happy s and so used to of tar.' it twen-, about pounds ssolved. ufficient ı bushel vell and it over pop the one on 1g close as the well. I I think , and if better

Do this e mornrning's k blueake up s weak in the tended d back ly, and ot hurt ould be You find it KER

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ad the 1b-arid r corn ed my , three d that y corn rn has counwinds ) three t, dry m the s also humid ubsoil. Disture of the found oured iter a

one I spring n-inch to ten plow lowed it by arrow en the apart anted and his is grain corn 'S SIX

grains, but I don't want it. I tried up to three There are many farmers who have Chathams prizes for athletic sports, \$137.75; Market and four kernels and is takes longer to ripen. lying around and don't use them. but have an Gardeners' Association (for display of vegetables). Two trees may be planted in one hole with as improved machine. To those who have a Chat-\$300; prize badges and ribbons, \$223.70; medals equal prospects of success as two grains of corn ham and have got to use it, or who contemplate \$228.50; diplomas and engrossing same, \$140. in one hill. If you want fodder that is another buying another machine, try the cloth on the cups, \$253. story. To finish this way deep plowing may to top sieve first; put the seed through twice; use The slight decrease in the amount received some extent take the place of cultivation, but judgment in running it; and do not turn too for admissions is easily explained by the fact cultivation, however intense, can never take fast or run the grain through too fast. Clean that the duration of the fair was but six days. the place of deep plowing. I don't say this seed is one great help to a clean crop. the place of deep plowing. I don't say this seed is one great help to a clean crop. whereas in 1905 it was eight days. On Thursbecause I am bigoted; I only want the truth. I I guess this plan of using a cloth under the day, Citizen's Day, the turnstiles registered take hours to go back and forward to see how hopper would apply to any machine if the conmany experts decide on that question. Then I struction were on something like the same plan.

Valley River, Man.

L. Brown.

L. Brown.

L. Brown.

L. Brown.

L. Brown. very few writers who "hit" this part of the

Corn and all alfalfa is what we shall have to The Annual Meeting of the Winnipeg Industrial. on Americans' Day, rain falling continuously. depend on here. We have peculiar seasons. I have seen some springs here very dry. Last year was the only year out of four that I saw the prairies green all summer. Corn will make a good summer fallow using judgment for the season. I tested it last summer to see if there were not as much moisture in corn land as a piece I fallowed. It was a piece of land in which the meeting re-elected George H. Greig as president: notice of those attending the show. Greater wire-worms ruined the corn in the spring. I G. H. Greig, I. M. Ross, D. E. Sprague, Wm. efforts than ever will be made to make the fair turned to and gave that piece that the wire-worm ruined, a thorough discing. I know the moisture stood at the top of the subsoil all summer. There is something to take note of here. If we have five or six weeks of hot dry weather, a man land. wants to watch how the moisture is in under the dust mulch. Sometimes evaporation is rapid. It will cause a crust to form and establish capillary movement and evaporation. Then one should era of prosperity. get a disc or cultivator and break that crust. I found last fall when I plowed that where I had grown corn it was as moist as where I fallowed. By shares, 1st and 2nd call . . . . . . . . \$ I wanted to prove what Prof. A. M. Ten-Eyck, of Kansas, says; namely, "In the year 1900 all extra City of Winnipeg...

cultivation failed to increase a crop on wheat Provincial Government..... land. Land which had grown corn the previous year without extra cultivation gave a yield of Dominion Shorthorn Breeders' Asso-25 bushels of wheat to an acre. Wheat after

gave 20 bushels to an acre." If we can grow Will's Gehu (a Dakota corn) Imperial Bank of Canada ...... without a fallow, we can put our land in clover Robinson & Co. ..... if only for one season and we can plow it in and The Holstein-Friesian Ass'n... improve the soil. The reason why I have written The Canadian Hereford Breeders' Asso much on corn is that it has been raised in the driest years in Colorado. E. R. Parsons said he D. R. Dingwall, Ltd. . . . . . . . . . could hardly believe it until he tried it, but it McLaughlin Bros. ... grew with only three inches of rainfall.

You must look ahead for this dry country, else it may be like the early history of Colorado. The Canadian Hackney Ass'n. Keep on digging on alfalfa, corn, brome grass J. Y. Griffin & Co. . . . . . . . . . . . and rye grass.

Medicine Hat. Alta WILTSHIRE LAD.

## Taking Wild Oats from Seed Wheat,

EDITOR FARMER'S ADVOCATE:

The time is now at hand when seed wheat will To Miscellaneous (including proceeds, be run through a mill, and to those farmers who own a Chatham mill, and are dissatisfied with the Entry fees ..... poor job it does in taking out wild oats from Rent of grounds on percentage wheat, the following plan in running it will Privileges ..... make it do satisfactory work; in fact it will do Advertising..... as good work as any machine on the market, and as good, if not better than the vaunted oat Admissionsseparator, that only gives a 99 per cent. job. A Gates ..... man wants a 100 per cent. job when he has to deal Season tickets. with wild oats.

Place the sieves according to instructions for Grand Stand cleaning spring wheat for seed, and when putting in the top sieve take a piece of calico or a flour sack and put it entirely over the top sieve. Press the sieve into place. Lock up. Then take a pair of shears and cut away the cloth along the sides till about half way. Then cut across the cloth half moon shape so that about one third of the sieve is covered. The cloth is then under 1905 Accounts the hopper and extends from it a short distance. Lighting The result is the grain from the hopper falls on the cloth and is shaken gently along; the wild oat has time to get on its side and slide gently along the sieve and go over the end. All the trouble is in dropping from the hopper. The not. The writer never heard of it and had to ials to professionals, \$250, 20 bilds and holley, to be an advantage, especially with the other side of the question, to have the study the problem for himself. I watched the study work, \$42; 563 ladies' work, \$400; 342 fine arts, \$488; deal with the other side of the question, to have the minimum loss in the young poultry. You may have the cloth and did a first class job.

The writer never heard of it and had to ials to professionals, \$250, 20 bilds and holley, to be an advantage, especially with the other side of the question, to have the minimum loss in the young poultry. You may have the cloth and did a first class job. the cloth and did a first class job.

The sixteenth annual meeting of the share-City Hall, March 1, for the purpose of hearing the report of the president, manager and directors and to elect new directors. The following con-

Brydon, Wm. Whyte, A. A. Andrews, Sanford a success and a pleasure to attend. Evans, F. W. Drewry, Wm. Martin, A. L. Johnson, J. E. Ruby, Daniel Smith, G. J. Maulson, G. F. Galt, J. T. Gordon, Joseph Maw, Hugh Suther-

The statement of receipts, and expenditures shows that careful management has enabled the association to turn the corner and start upon an

The statement of receipts showing a total of \$77,556.86, included the following: City of Winnipeg..... Subscriptions to prize list ciation..... 388.00

the wheat land beside only gave 7 bushels to an Dominion Swine Breeders' Ass'n. acre, while wheat after cultivated summer fallow T. Eaton Co. . . . . . Lord Strathcona and Mt. Royal .... sociation The Canadian Ayrshire Breeders' Association. The Western Packing Co. . . . . . . . . The Canada Malting Co. Miss Campbell

sale of dairy exhibits, \$1,178.05) Six for \$1.00 tickets

\$36,296.60 not be chilled. Dog Show . . Art Gallery

Balance

12,000 the largest one day's record of any previous exhibition, which was 31,241 in 1905. Unfortunately the weather was most unfavorable

It is the intention of the management to get holders of the above association was held in the over some exhibits of pictures from the Old City Hall, March 1, for the purpose of hearing Country and also one of the crack naval bands Improvements are to be made looking to the increased comfort of the live stock men, and better stitute the 1907 directors, who at a subsequent opportunities for bringing their stock before the

## **POULTRY**

## Incubating and Brooding Poultry.

I want to preface my remarks by saying that in going into a number of precautions, which I may 7,500.00 do, I do not wish to appear to frighten anyone with 3,500.00 regard to the question of artificial incubation. We have yet to learn a good many things in reference to incubation, and yet it is astonishing the-wonderful success that amateurs have in operating incubators.

First, there is the breeding stock from which to secure your eggs, and then there is the care of the eggs from the time they are laid until placed in the 200.00 incubators, and then the care of the eggs when placed in the incubators. The question of stock may go in the incubators. The question of stock may go ioo.oo back a good many generations. If the breeding stock has a tendency to lay eggs that are unfertile, or with weak germs, it is likely that their progeny will have the same tendency. It is not many years ago since most people kept their henhouses closed up, and were inclined to believe that warm henhouses 50.00 were best. That was a mistake, and we have found 50.00 that the open air henhouse keeps them in the most 50.00 vigorous condition, and is one of the best things for securing real, good, strong fertility in the eggs. You should throw open the windows of your henhouse 25.00 every day. Never mind how cold the weather is; as long as the sun is shining keep your hens exercising in the sunshine. It is the man who is working our in the open air who has the strong, vigorous constitu One thing you must be very careful about is 5.00 the feeding of your birds. If you feed too heavily they will lay on fat, and that will injure your breeding prospects during the next season. After you have got your eggs, the hatchability is considerably affected by the temperature to which they are exposed. It has been ascertained that the germ in the egg will have the temperature of about seventy degrees. 4,816.65 incubate at the temperature of about seventy degrees 277.05 If the egg has been kept at a temperature of above seventy the germ will slowly incubate. Where we have a temperature running up to eighty and ninety. you can easily understand the damage that is done Considerable damage may be done to eggs shipped long distances by being placed close to the stove in the express car. Then they are taken out of the car 619.00 and cooled for a day or two before being placed in the 2,647.00 incubator. On the other hand, eggs may be too cold 14,303.85 In the winter time you must be careful to gather your eggs two or three times a day, so that they will

Then the question comes of handling the eggs in the 289.10 incubator, and that is a subject for a whole evening's 222.40 address. If you have good strong eggs and place them. under a hen, you are almost certain to get a good hatch. It is an extraordinary thing, an incubator 1,500.00 may do well one month and the next month fail entirely. I do not think I will go so far as to say it 328.25 is entirely the fault of the machine, but there is something in the conditions under which these in-\$77,556.86 cubators are operated that affects the hatch. Then 2,394.54 there is the question of the temperature under which we should run these incubators. I would not advise \$79,951.40 anybody to run an incubator in any other way than The expenditures for 1906 included the follow- under the directions of the manufacturer. He is wild oat will drop through. Put seed through The expenditures 101 1900 included the follows supposed to know his incubators best. If you do not twice and the grain will be clean and so free of ing for prizes: 562 horses entered, \$4,312; 183 have the results that you think you are entitled to. wild oats that one can easily pick out the odd purses, \$6,902.75; 40 cattle, \$3,679; 148 sheep, then you should begin to experiment on your own acwild oats when treating the seed with formalin. \$558; 266 swine, \$1,138; 873 poultry,\$765.75; count, and one suggestion I would make is to run your There are farmers who know about the use of a 151 dairy products, \$866,75; 52 agricultural temperature a little higher than the ordinary incloth on the sieve, but there are many who do products, \$605; 13 plants and flowers with spectual to be an adventurer directs. I have found that not. The writer never heard of it and had to ials to professionals, \$256; 26 birds and honey, to be an advantage, especially when one comes to

UJI MICKU SATELT