### FARMER'S ADVOCATE AND HOME JOURNAL, WINNIPEG

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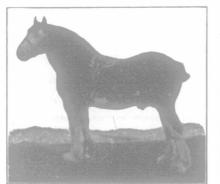
# Hackney Horses

will improve your stock. Add some distinction and character to your horses. They will produce for you the best all-purpose horse for light work about the farm or on the road. It is a mistake to suppose the Hackney is for show only. They fill the interval between the lightest of road horses and the drafters. For further information call on or write to

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"BARON'S GEM" of the greatest Clydesdale Sires ever brought to the West.

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Customers buying from us have no middlemen's profits to pay, as we buy and sell our own horees.

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## **DISPERSION SALE OF SHORTHORNS**



Having sold my farm I must dispose of my entire herd of pure-bred Shorthorn cattle. I have yet my champion herd and their descendants that won for me honors at many of the leading Alberta exhibitions in past years. There are females of all ages, descendants of the most noted of families

in Scotland. I have used such stock bulls as Trout Creek Hero, the champion bull in Alberta, for a number of years; Loyalty (imp.); Remus, a Toronto prise winner, and Lucerne (imp.), the latter a bull of exceptional merit. My prices are very reasonable.

JOHN RAMSAY, PRIDDIS, ALBERTA

## TRAYNOR BROS.' CLYDESDALES **ARE TOP NOTCHERS**

You should look these over before

120 eggs is sufficient for the average flock. Smaller are not much use, and cost as much to run as the one stated; of course, for a larger flock a larger ma-

chine; in my case more than one I find no difficulty in raising the chicks; or I might say the "guid wife" does not. She generally does the raising. But you want two brooders for each incubator, and if your eggs prove more than the average fertile, then three. Overcrowding causes more deaths and disease than anything else. Overheating the brooders is also against strong, vigorous stock.

My experience shows that in artificial incubating, if you persist in it and raise all your birds that way, in time it will lower the vitality of your flock. I was hard to convince on that point, but had it brought home very forcibly to me this last two years. I let two hens sit each year and then give the chicks to one of them. This last season one hen started out with 21, but in a day or so reduced them to 17, and although the 17 were hatched on June 4th made better headway all the way through than chickens hatched in an incubator a month earlier; whether it was with giving them a free range, whereas the other motherless ones were confined, more or less, and did not have the chance to scratch I know not. But this season I intend to further experiment on that line and also to give the incubator chicks to hens to mother.

Man. ED. BROWN.

#### ARTIFICIAL INCUBATION

The most complex problem that has ever confronted the poultry kingdom is that of artificial incubation. From time immemorial it has been practiced by man. The ancient Egyptians and Chinese placed their hen and duck eggs in the ancient incubator. This prime-val machine consisted of a wooden box covered with manure, and the results were excellent, so certain writers tell us, owing to the dry, steady climate; but such methods are faded into the past, and the wooden hen of today is a handsomely constructed machine. Artifi-cial incubation is being practiced by many breeders, large and small, in both East and West, with most satisfactory results, providing that it is successful if properly conducted; but there are hundreds of others that are meeting with sad failures, not because of unwillingness to work, but owing to lack of knowledge. We have been operating both kinds for years, and I will point out what we believe to bring the best results, trusting that it may bring success to some of the readers of this great paper.

SELECTION OF EGGS The vigor of egg germs has a strong influence in the production of healthy chicks, more than the majority believe Weak germs invariably result in deli-cate chickens, if they hatch at all. Remember our great men tell us to begin ight. Weak germs produce weak constitution that may follow the fowl throughout its life. Like begets like. Select large well built hens, or properly developed pullets, that are healthy and vigorous. Mate to a well developed cockerel or healthy cock-not one with his wattles and comb frozen off or other

Many mate too many females to one



When you get tired hearing agents or makers of common cream separators excuse the needless disks or other contraptions they use, just choke them on facts that disprove their claims.

If contraptions were necessary, how do Sharples Dairy Tubulars, which have none, produce twice he skim-



any one maker of such machines sells? Why do Tubular sales easily exceed most, if not all, others combined? Why is the manu facture of Tubulars one of Canada's lead ing industries? These facts are invincible proofs that Tubulars are The World's Best



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