

— A good way to make hens lay in winter that want to sit, is to confine them in a light coop in the yard among other fowls; give water, but very little food, for three days or more, as may be necessary, and after this feed abundantly, giving pork-scraps or other rich food with grain.

— Carrots are one of the best kinds of feed for horses, and should be fed about two to four quarts a day, in connection with other feed; more will do no harm, as hay, oats, or corn meal. Wash the roots, and run them through a root cutter, or in the absence of a machine, slice or mash them in some other way.

— M. Monny de Mornay, in an official report on the French agricultural *enquête*, devotes a chapter to the question of agricultural capital, of which he states there is generally an insufficiency to meet the growing requirements of French farmers,—a difficulty by no means peculiar to France.

— A writer in the *Rural Gentleman* says, ashes operate as a manure upon wheat, even in the limited quantity of eight bushels per acre. They push the wheat forward several days, and in time to escape the hot, sultry days which often prevail about the time of the "heading out" of the wheat; and they strengthen the stem, giving it substance and solidity.

— Orrin Johnson writes the *New Hampshire Farmer's Record* about curing rennets. He says they ought never to be dried inside out. He adds:—"When taken from the calf, put a handful of fine salt into it, lay it aside for a week or more—they will not hurt—then stretch them on sticks, not turned inside out. When taken off the stick, see that both ends are tied or closed up tight. Keep a year's stock beforehand. I think one cured in this way is worth two dried inside out."

The Live Stock.

THE PRINCE OF WALES' PRIZE HERD.

(SEE FRONTISPIECE.)

We have much pleasure in presenting our readers with an engraving, the like of which has never, so far as we know, embellished any agricultural periodical published on this continent. It is, in fact, six engravings in one, being a picture of the entire herd of Short Horns—one male and five females—to which was awarded the Prince of Wales' prize at the last Provincial Exhibition. That this beautiful illustration may come out as perfectly as possible, and that any of our readers who may wish to do so, may be enabled to frame it, or place it in a portfolio, without interfering with the reading matter, we have caused it to be printed on a separate page of fine tinted paper, and pasted in lightly so as to be readily detached.

The herd here illustrated is, as all our readers doubtless know already, the property of M. H. Cochrane, Esq., of Compton, Quebec, a gentleman who has recently entered the lists as a Short Horn breeder, with so much spirit, judgment and pluck, as to have won for himself at once the foremost place among the stock men of Canada. Most of the animals in the group herewith shown are doubtless already familiar, at least by name, to most of our readers. The world-renowned "Rosedale" is the central figure at the top of the illustration; "Miss Margaret 3rd" is on her right; "Sanspareil the 8th" on her left; "Maid of Atha" just below "Rosedale," and "Miss Margaret;" the fine imported bull, "Baron Booth" and the imported heifer calf "Wharfedale Rose" being at the bottom of the picture. After winning the Prince of Wales' prize at our Exhibition last September, this magnificent herd was taken to the New York State Fair, and there won the gold medal of the New York State Agricultural Society. A male and female, the two choicest Short Horns in their respective classes, owned by Mr. Cochrane, do not appear in this group, viz.: "11th Duke of Thorndale," a splendid three-year old bull, and "Duchess 97th," the costly Booth heifer imported by Mr. Cochrane last summer. We forbear further observations on this noble herd, as we shall most likely be enabled to secure individual engravings of the leading animals composing it for future numbers of the *ONTARIO FARMER*, in connection with which a more minute account of them and their pedigrees will be given.

CATTLE COMMISSIONERS' CONVENTION.

An important Convention was held at Springfield, Ill., Dec'r 1st, and three following days. The objects were the investigation of the Texas cattle disease, the adoption of recommendations to the legislatures of the several States and Canada, respecting the most efficacious legal means of preventing the spread of the disorder, and endeavouring to secure by the establishment of suitable regulations, throughout the United States and Canada, better care of animals while in transit. Delegates were present from Illinois, Missouri, Iowa, Wisconsin, Michigan, Indiana,