

FARMERS' COLUMN.

VALUE OF MANURE.—As showing the value of manure in England, a company of Brighton advertises that they will furnish boxes of horse stable manure, each containing fifty-six pounds, at the rate of 60 cents including box and delivery, to gardeners or persons who need the article for compost.

SOWING SEEDS.—Garden plants may be divided into two classes, hardy and tender. The hardy may be sown as soon as the ground can be worked and hard frosts are over. The tender cannot be sown in the open ground, until the soil gets warm, and this time is, in all parts of the country, that which experience has shown to be the proper one for planting Indian corn.

POTATOES.—Have the sets cut, and dried off, ready to plant as soon as the soil is ready. As soon as the earth is broken by the shoots, it is likely that the potato-bug will be there, and hand-picking must commence. One beetle killed now prevents the appearance of thousands later in the season. If this cannot be attended to, do not plant any.—American Agriculturalist.

SPRING CARD OF STRAWBERRY BEDS.—Do not be in too much of a hurry to uncover your strawberry beds in the spring. Leave them until the ground is entirely done freezing at night, and until the plants are about ready to begin their season's growth. It is possible that this will make the fruit two or three days later in ripening, but on the other hand the fruit will escape all harm from the late spring frosts. Who the covering is removed the ground between the plants should be hoed and a coat of fine manure and ashes applied.

A subscriber writes to the London Live Stock Journal: "I have tried the hatching of hens under turkeys, and I find it an admirable one. In fact it has quenched a longing I entertained to possess an incubator, and in future I hope to see the poor foolish turkeys, that will bring out brood after brood of chicks, and, far from tiring of the confinement, seem only too well pleased when they find a fresh nest full of eggs, and grow fat and glossy as well. Not so foolish, perhaps, after all! for the weather was very cold, and I fed them well and kept them snug and warm. I set them early in January, and kept them sitting for over three months. I removed the chicks at once on being hatched, and have brought them all up."

ROCK IN POULTRY.—The New York Times, in answer to a question for a remedy for rock, gives the following: "Take all the sick fowls and put them in a warm, dry, clean place, the floor of which is sprinkled with lime and then, with water, in which one ounce of carbolic acid to the gallon of water has been dissolved. Wash the head of each fowl with warm vinegar, and then touch the eyes, throat and nostrils with a feather dipped in a solution of ten grains of carbolic acid in one wineglassful of rain or snow water. Take two ounces of castile soap, half an ounce of hyposulphite of soda, half an ounce of ground ginger, half an ounce of cayenne pepper, and grind the whole together with enough warm water to work it up into a stiff paste. Mix thoroughly together, and divide into pills the size of peas. Give each sick fowl three of these pills twice a day.

A CURE FOR HOG CHOLERA.—According to the experience of Mr. Wiley Davis, of Illinois, a large cattle grower, fresh meat is a preventive of cholera. He says his hogs were about to take the hog cholera when the cars killed two steers, and his hogs gorged themselves, and have been healthy ever since. He thinks that forcing hogs afflicted with the symptoms of cholera to move about is one of the best things for them, next to feeding flesh and providing them a mixture of ashes, salt and lime. John Allen, of Urbana, in reply to a question as to the cholera, said he had arrested it among his swine by feeding meat; and when asked what sort of meat was best for that purpose, said that "cracklings are the best if you can get them, but refuse meat from the smoke house, surplus fat or lean, shanks, rinds, etc.—any kind of meat will answer the purpose." Mr. Allen added so far as his experience went, there was no other remedy worth anything. Let those, then, who have hogs suffering with cholera, or the symptoms thereof, feed fresh meat of almost any kind, and see if it proves effective.

KEEPING POULTRY ON A LARGE SCALE.—When one begins to entertain thoughts of poultry on a large scale, and pictures in his imagination a large fowl-house, with 400 birds, perched at night in long rows close together, only waiting for the morning to seek their nests, lay eggs and cackle, all healthy, bright and productive, he is on dangerous ground.

If 20 hens in a small, snug, warm house, receiving odd bits of meat, potato, fat, besides regular feed of grain, will produce \$20 profit in a year, how much will 400 hens produce in a large hen house? This problem has been wrought out, believed in, and the unerring result of mathematics, but in the end, after expensive experiments, produced almost uniformly disappointment and loss. But how can a man keep 400 hens profitably? I answer:—Just as 20 men can keep 20 hens in a village, each man keeping a few separately, each flock of fowls having a snug, warm place in winter, and a variety of food, "odds and ends," such as every housekeeping establishment furnishes. If 400 hens are kept together in one building the result is sterility, egg-eating, feather-eating, and the prevalence of some fatal type of disease, as roup or cholera. This has been the general experience with those who have made the experiment. If a man wishes to keep 400 hens let him keep a "hen village." Build it on dry soil, placing the buildings eight rods apart, have them tight, but not necessarily expensive, treat each family of fowls just as any man who is successful treats his small flock, giving them the same feed of grain, flesh, fish, fat, vegetables and shells.—Rural Home.

HOW TO PREVENT BORERS IN APPLE TREES.—G. C. Resse desired to know of the farmers' club if tar will prevent borers in apple trees, and will the tar injure the trees. A member replied that wrapping trees with tarred paper from eighteen inches to two feet high, letting the paper fit the ground snugly, and make a little mound up to the paper, will furnish both a tree borer proof and a rabbit proof. In his opinion, half of the young orchard trees are injured, not killed, by these two pests. Care should be taken that the borers already in a tree are destroyed before the tarred paper is applied. This may be done by enlarging the opening of the hole and forcing the shoot of an apple after them and crushing them; a wire may be used for this purpose, but the member preferred the apple shoot as being elastic. This insect deposits its eggs often on the body of a tree when the bark has been injured. Washing the body with strong soapsuds was advised as excellent. Another member thought the only sure remedy for the borer is the knife. He advised cutting out the worm as soon as it is discovered that the grub is at work in the wood, and covering the denuded places with grafting wax. In regard to preventives, he alluded to one sometimes practiced of building little fires in the orchard at night during the early part of the summer, while the insects are mating. Seeing the light they fly into the fire and are burned. Another preventive often employed, of which the speaker approved, is tying a piece of old cloth tightly about the trunk of the tree, drawing down one edge to the ground and covering it with earth. This prevents the insects from reaching the bark, and as soon as the season for depositing eggs is over it can be removed.

Steamships.

ALLAN LINE.

Under Contract with the Government of Canada for the Conveyance of the CANADIAN and UNITED STATES MAILS 1876-7—WINTER ARRANGEMENTS—1876-7 This Company's Lines are composed of the under-noted First-class, Full-powered, Clyde-built, Double Engine Iron Steamships:—

Table listing steamships with columns for Vessels, Tons, and Commanders. Includes SARDINIAN, CROCIAN, POLYNESIAN, SARMATIAN, HIBERNIAN, CASPIAN, SCANDINAVIAN, PRUSSIAN, AUSTRALIAN, NEPTUNIAN, MORAVIAN, PERUVIAN, MANITOBA, CANADIAN, CORINTHIAN, ACADIAN, WALDENSIAN, PATRIOTICAN, NEWFOUNDLAND.

The Steamers of the LIVERPOOL, MAIL LINE (sailing from Liverpool every THURSDAY, and from Portland every SATURDAY, calling at Loch Foyle to receive on board and land Mails and Passengers to and from Ireland and Scotland, are intended to be despatched

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Table listing routes from Portland: Scandinavian (14th April), Sarmatian (21st), Caspian (28th).

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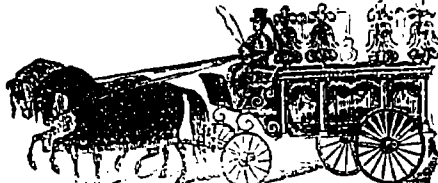
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Toronto, March 1, 1872

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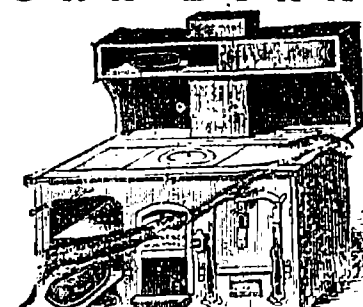
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