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Non-Setting Hens.

Loultry Yard.

When, where, and by whom the first hen that refused to set was bred, no record of time, name, or date, has yet been discovered. Certain it is, there are hens that utterly refuse to set, or perform any duties whatever towards their young. Some eleven years ago, the writer was presented with a dozen of eggs said to be Black Spanish. Eleven out of the twelve hatched, and seven grew up. Five proved to be cocks and two pullets. up. Five proved to be cocks and two punets.
One cock had a pea comb and a spangled plumage, showing little or no Spanish blood. One had red wing-bows and double comb, and a third yellow legs. Two, however, showed pretty good Spanish blood. One pullet had a crest, and proved to be a poor layer. The other was plain, with a large poor layer. The other was plain, with a large comb drooping to the left, and proved a first-rate that hens with combs turning over the left eye are to be preferred for layers.) All her progeny was marked like her, and proved to be good layers. These hens were kept until they died a nautral results of them over manifested any death, and neither of them ever manifested any disposition to set, although some of their chicks

I must relate a curious incident concerning a direct descendent from the crested hen. The hen in question had always been a remarkably good winter layer, never showing any inclination to set.

Last summer, a brood of Leghorn chicks was
placed in a small yard, to run at large—the mother placed in a small yard, to run at large—the mother hen being confined in a small coop adjoining. One day this Spanish hen was discovered to be clucking to these chicks, scratching and calling them up, and continued to do so to my surprise all summer. She mothered the chicks, protecting them, and searching for food for them during the day, but she never offered to hover them. She them, and searching for food for them during the day, but she never offered to hover them. She appeared entirely at a loss when she came to that part of maternity. Her duties ceased at night, when she would go to roost in the hen-house with the other hens, but bright and early, poor old Biddy, with her eight years' moult on her back, would be at her post ready to accept her charge, as soon as allowed to go abroad. In the fall she moulted, and laid a clutch of eggs, but towards the moulted, and laid a clutch of eggs, but towards the end of winter she began to droop, and died the

following spring.

Thoroughbred non-setting hens I do not believe will ever set, although there are numbers who believe to the contrary. Of course they have the shadow of reason on their side for support, and allow that their species cannot be propagated out incubation, and hens are the most natural incubators and mothers; but we must in this centennial year of our existence allow room for advancement and improvement. If fowls are allowed to run down and run out, like everything else, they return to a normal condition. Non-setters are bred. No one supposes for an instant that in a natural state the mother hen leaves her nest of eggs to chance. Each one follows an instinct that guides her, after her kind, to have a care over her young, to protect and rear them. Non-setters are made by judicious breeding and care. selecting eggs for hatching from these breeds that manifest the smallest inclination to broodiness, and by forcing feed that increases a growth of eggss it has been done. We have several distinct breeds of the non-setting varieties. High feed tend-greatly to eradicate the broodiness from the Asiatics, so noted for their frequent inclinations to set. It is with difficulty the writer can procure set. It is with difficulty the writer can procure Brahmas that will serve as incubators, as fast as required. Those persons who complain so bitterly of the persistent setting of the Brahmas are poor feeders. There is little difficulty in making them nearly constant layers. As soon as one manifests a desire to set by remaining on the nest over night, remove her to a tight place of confinement, from which she cannot escape, and feed well. A Brahma cannot resist the temptation to eat, and will not wait for a second invitation. Do not give her whole corn that fattens and only increases the fever to set, but prepare a nice dish of Indian meal, (and do not stint her, for she has a capacious stomach,) soft, like mush, with a pretty liberal sprinkling of Cayenne pepper, and place it before her. Leave it with her. You can return within the course of a few hours to find the dish clean. If the bird be infested with vermin, shoot her with the Persian insect powder gun, and my word for it Biddy will be ready soon to give you a dozen more eggs. Patience is always a redeeming virtue in the poultry business. Filth and poor feeding

There is little cause many birds to retrograde. profit in procuring fine fowls of fine breeds, and neglecting them, and then condemning the breed. -Country Gentleman.

Nests.

The nest-boxes of hens should be moveable, so that, after hatching, and occasionally when used only for laying, they may be conveniently cleaned.
One way is to whitewash them; but another, preferred by some, is to kindle a fire inside and char them. This process will effectually destroy version and their learner and will the reacher writer. min and their larvæ, and will thoroughly purify the nests by leaving a coating of charcoal insides This substance is one of the best antiseptics, and a perfect deodorizer. Boxes made of seven-eighths stuff—pine, hemlock or spruce—will outlast a number of the purifications by fire, as the process tend. to preserve the wood, and by using carbolic acid freely about nests and the building generally, there will be little trouble from hen lice or other ver-

Stock Notes.

Shorthorn Sales.

TORONTO, June 14, 15 and 16. MESSRS. COCHRANE, BEATTIE AND HOPE'S HERD. Cows and Heifers.

Baron Siddington, W. W. Pickrell, Illinois.
Lord Hillhurst, H. N. Moore.
Lord Bright Eyes, W. H. Miller, Brougham, Ont.
Royal Lancaster, T. Macrae, Guelph, Ont.
Royal Dereham, A. Crane.
Earl of Derby, G. Elliot, Harristown, Ill.
Lord Bloom, J. Dinwiddie, Cookstown.
Mosstrooper, R. B. Ireland.
Lord Verbena, J. Reeser, Markhsm, Ont.
Pat Malloy, George Thorn, Brighton, Ont.
Favorite of Acomb, R. Gibson, London, Ont.
Don John, R. Patterson, Owen Sound.
Oxford J., G. Elliot.
Sylvanus, T. L. McKeen.
Neptune, G. Elliot.
Eric the Red, Bulls.

\$1,708 70 After the above sale, Mr. Holderness, of Toronto, sold several good imported improved Berkshires The sows did not realize high prices; the pigs sold from \$11 to \$25 each. A few Shropshire Downs were sold, realizing about \$60 per

THE BOW PARE HERD.

Cows and Heifers.

Roan Duchess 6th and bull calf, Mr. S. W. Jacobs.... Belle of Oneida and bull calf, Mr. S. W. Jacobs.... Meadow Flower 13th, Mr. T. J. Holiday, Pickering, Ont Phillis 8th (imp.), Mr. J. B. Davidson, Belsover, Ont.. Red Duchess and bull calf, Mr. Angus McKenna, Markham.
Countess of Springhill, Col. O'Malley, Wardsville, Ont.
Duchess 10th, Col. O'Malley.
Pride of Kingswood and bull calf, Mr. S. Beattie, Markham.

Duchess of Vinewood 2nd, Mr. Miller, Atha, Ont.

Martha and bul caif, Mr. John Wilson, Brampton.

Duchess 15th of Woodhill, Mr. J. R. Craig.

Duchess 9th of Woodhill, Mr. J. C. Eckford, Dunkell, Imperial Cæsar, Mr. Thos. McCrae, Guelph.
Duke of Sharon, Mr. W. Raikes, Barrie.
Earl of Springfield, Mr. S. W. Jacobs.
Earl of Sharon, Mr. G. W. Playfair, Fallbrook.
Seventh Duke of Clarence, Mr. Jas. Fraser, Ayr, Ont.
Baron Oakland, F. McHardy & Co.
Baron Blithe, Mr. Steele, Almonte.
Leonardo, Mr. C. Davis, Kettlebury.
Roan Duke, Mr. Wm. Hall, Toronto township, Summary. JOHN SNELL'S SONS HERD. Cows and Heifers.

Cows and Heifers.

Lady Seraphina 6th, W. W. Williams, Everett, Mass. \$1,520
Annie Gwynne 2nd, Dr. Sumner, Woodstock, Conn. 400
Annie Airdrie Gwynne, Dr. Sumner, Woodstoock, Conn. 460
Louan 35th, James Ridout, Malton, Ont. 400
Louan 35th, James Ridout, Malton, Ont. 400
Louan 35th, James Ridout, Malton, Ont. 400
Wave Ripple, S. R. Streater, Cleveland, Ohio. 400
Wave Foam, Stephen White, Charing Cross, Ont. 400
Wave Crest, Stephen White, Charing Cross, Ont. 400
Wave Crest, Stephen White, Charing Cross, Ont. 360
Rose of Sharon, O. G. Hughes, Oak Ridges, Ont. 200
3rd Countess of Goodness, F. W. Stone, Guelph. 400
Phillis Thorndale, Col. O'Malley, Wardsville. 200
Phillis Goodness and calf, Mr. Yost, Hanover, Ont. 200
Phillis Goodness and calf, Mr. Yost, Hanover, Ont. 200
Miss Ramsden 4th, S. W. Jacobs, West Liberty, Iowa. 200
Lulu Ramsden, S. W. Jacobs, West Liberty, Iowa. 200
Belle of King, H. N. Moore, Red Oak Junction, Iowa. 230
Josephine, H. N. Moore, Red Oak Junction, Iowa. 230
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Isosphine, H. N. Moore, Red Oak Junction, Iowa. 230 Bulls. Imp. Knight of the Rose, C. L. Davidson, Kettleby....
Airdrie 9th, W. C. Kent, Chicago.
Master Masen, John Fraser, Ayr.
Phil Thorndale, F. Yost, Hanover, Ont.
Banshee, S. W. Jacobs, West Liberty, Iowa.... Summary.

MR. BENSON'S HERD. Cows and Heifers. Grace Hamilton, George Meredith & Sons, Cambridge

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MESSRS. THOMPSON AND LAING'S HEED.

St. Mary's, June 17. Cows and Heifers.

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