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Morriston Tamworths and Shorthorns, bred from the prize-winning herds of England. Choice Tamworths both sexes, all ages. 150 head to choose from. Choice Shorthorns. 3 extra fine red roan bull calves, 8 months old, dandies, also cows and heifers of the deep-milking strain.
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Choice Poland-China and Chester White Swine to offer: bred from winners. Also extra good White Cap seed corn. Prices right.
GEORGE G. GOULD No. 4, ESSEX, ONT.

Questions and Answers. Miscellaneous.

Strength of Formalin For Treating Seed.

1. Is grain that has been treated with formalin or formaldehyde injurious to stock?

2. Which is the stronger, formalin or formaldehyde? My druggist says there is no difference, and he labels the bottle with whichever is asked for. He says he gets it all from the same place, and they are both the same thing. Is this correct?

3. I have a five-year-old mare in foal that has itchy legs. She is continuously stamping her hind feet. I treated her four or five times with corrosive sublimate, as has been recommended, but it appears to do no good. What treatment would you recommend?

A FARMER.

Ans.—1. It is not considered to be injurious.

2. Formalin and formaldehyde are derived from the same substance, and the druggist may be correct in saying that they are both the same thing. The substance sold as formalin is a 40 per cent. solution of the aldehyde in water. Formaldehyde may be the same or it may be stronger. The material used for treating seed grain for smut should be the 40 per cent. solution.

3. If the corrosive sublimate does not stop the itchiness when it is applied twice daily, try poulticing the legs for a couple of days, then dress three times daily with a lotion composed of one ounce each of sulphate of zinc and acetate of lead, and one dram of carbolic acid in a quart of water. Do not feed too heavily on grain, and add bran to the ration.

Difficulty in Churning.

We have two cows milking, one a farrow cow, and the other not coming in until late in August. They are fed on cornstalks and bran. When the weather is warm they are turned out to a straw stack which contains oat, wheat, rye and buckwheat straw. I have churned four different times and got no butter at all, it just comes to a froth. A short time before when we had trouble in churning the cows failed in their milk. We noticed this morning that the cow that is coming in gave milk which seemed to have yellow chunks in it. What is the trouble, and what would you advise doing?

A. W.

Ans.—This trouble with churning frequently occurs when cows are nearing the end of their lactation period, especially when not receiving succulent feed. If roots are not available try adding a little linseed meal to the ration. When the cows are well advanced in lactation the cream should be a little higher in temperature, for churning, than that from fresh cows. A cream which foams badly is usually low in percentage butter-fat, cold, and contains a gas-producing ferment. Try having a little richer cream and churning it at a higher temperature than is customary. If it foams add a little salt and water at 75 degrees F. Heating the cream up to 180 degrees F. and then cooling it to churning temperature will sometimes remedy the trouble. The thick milk may have been due to a little inflammation of the udder, caused by a bruise. Bathing with warm water would probably effect a cure.

Another Record Cow.

During the first half of April Lakeview Rattler, a Holstein cow owned at Lakeview Farm, Bronte, Ont., established a new Canadian record for a mature cow, giving 720 lbs milk carrying 30.03 lbs. butter fat or 37.54 lbs. butter on an 80 per cent basis.

Successful Queen, a Jersey, produced in a test started at four years five months of age, 16,389.3 lbs. milk, 852.72 lbs. fat, or 1,003 lbs. 3 oz. of 85% butter. This record not only exceeds the highest fat production in the class, but also becomes the highest milk record of any cow in the breed at four years of age. At the age of three years and three months, she entered the Register of Merit with a production of 13,088.4 lbs. milk, 682.4 lbs. fat, or 802.7 lbs. 85% butter.

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Duroc Jersey Swine, Jersey Cattle—In Duroc Jerseys we have either sex of any desired age, bred from winners and champions for generations back. In Jerseys we have young cows in calf, and young bulls, high in quality and high in producing blood.

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Sows bred, others ready to breed; boars ready for service; younger stock, both sexes, pairs not akin. All breeding stock imp. or from imp. stock. Prices reasonable.
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From our recent importation of sows, together with the stock boar, Suddon Torredon we can supply select breeding stock, all ages. Satisfaction and safe delivery guaranteed.
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Boars ready for service. Sows bred to farrow in May, June and July, others ready to breed; both sexes ready to wean. All descendants of imp. and Championship stock. Several extra choice young bull and heifer calves, recently dropped, grand milking strain; 2 bulls, six and seven months old, several extra choice young cows with calves at foot, also heifers all ages. Prices reasonable.
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My Berkshires for many years have won the leading prizes at Toronto, London and Guelph. Highcleres and Sallys, the best strain of the breed, both sexes, any age.
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Our present offering is young breeding Berkshires, both sexes and any desired age, sire and dams imported, high class in type and quality and priced right. Also one 2-year-old imported dairy-bred Shorthorn bull with official backing for generations back.
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Maplehurst Herd of Tamworth Swine, S.-C. W. Leghorns, and White Rocks—This herd has won about 90 per cent. of the prizes offered in the last ten years at the Canadian National, Toronto, Ottawa, London and the Guelph Winter Fair.

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