

## Lump Jaw

The first remedy to cure Lump Jaw was

**Fleming's Lump Jaw Cure**  
and it remains to-day the standard treatment, with years of success back of it, known to be a cure and guaranteed to cure. Don't experiment with substitutes or imitations. Use it, no matter how old or bad the case or what else you may have tried—your money back if Fleming's Lump Jaw Cure ever fails. Our fair plan of selling, together with exhaustive information on Lump Jaw and its treatment, is given in

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of serviceable age and younger; from dams with records of 30 lbs. down.

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A  $\frac{3}{4}$  brother to the \$30,000 bull is the sire of our young bulls offered at present. Two of these are ready for service. Write us also for females.  
**R. W. Walker & Sons, Manchester Station, G.T.R., Port Perry, Ontario**

## Questions and Answers. Miscellaneous.

### Fertile Eggs.

How long must fowl be mated before eggs are fertile?

2. If a male bird of a different breed gets in a flock how many days should elapse before it would be safe to save eggs for hatching from the flock? F. G.

Ans.—1. The time varies. Sometimes the eggs are fertile a few days after the male bird is put in the flock. However, ten days or two weeks should elapse before one would be reasonably sure of a high percentage of fertile eggs.

2. One might gather eggs which have been fertilized by the intruder for a month after he had access to the pen.

### Ewe Eats Wool.

I have a ewe which eats wool. She pulls it off her own fleece and also off her mates. What is the cause and treatment for same? G. S.

Ans.—This is an abnormality which is hard to treat. The sheep has acquired a depraved appetite, possibly through lack of mineral substance in her ration. Feeding on good oats, clover hay and roots, and having clean water and a supply of substances which will provide mineral matter within reach, may aid in stopping the habit. A mixture of salt, wood ashes, bone meal, etc., should supply the want for mineral matter. There is danger of wool balls forming in the stomach, which will sooner or later occlude the passage and cause death.

### Carrots for Stock Feeding.

1. What is the feeding value of carrots?

2. How many should the average cow receive at one feed?

3. What would you advise adding to clover hay, carrots and bran to make a good ration for a milk cow?

4. Are carrots worth \$12 per ton for feed, compared with other feeds? C. T.


Ans.—1. According to chemical analysis, carrots have a slightly higher feeding value than either mangels or turnips. We can find no record of where carrots have been used alone in an experiment to prove their exact value. However, as it is claimed that one pound of dry matter in roots equals one pound of dry matter in mixed grain. Nine pounds of carrots would have about the same nutritive value as one pound of grain.

2. We would not care to feed over a peck at a meal; in fact, we would start with a gallon and gradually increase.

3. The feeds mentioned make a fairly good ration for a cow of average production. The carrots would add succulency to the ration, although when cost is considered we believe that silage or mangels would possibly come cheaper. However, if a person has a quantity of carrots on hand the cost may not be the point. Oats are exceptionally good for cows, as they are as nearly a balanced ration in themselves as can be secured in any grain. They could be used to displace part of the bran.

A cow should have all the clover hay she will eat, a fair amount of succulent feed, and then concentrates added according to production. One pound of concentrates made up of bran, oats, barley, etc., to four or five pounds of milk, makes very good feeding. Some dairymen use considerable cotton-seed meal or oil cake, especially when the cows are on heavy production. A pound or two of these feeds at a meal brings up the protein side of the ration. However, when good clover hay is available the feeding of high-priced concentrates is not as economical as if the roughage part of the ration consisted of feed other than legume.

4. It all depends on what other feeds are available. Twelve dollars a ton would be 30 cents per bushel and we doubt whether or not a feeder could get that value out of them when he had plenty of clover hay and was feeding bran and oats. Silage would supply cheaper succulent feed. One experimenter has figured out that with other feeds at \$30 per ton, roots would be worth about \$4. On this basis carrots at \$12 would be considered too dear to feed. We would be inclined to sell the carrots and possibly purchase oil-cake meal, cotton seed or bran; any of which tends to keep the animal in thrifty condition when fed along with home-grown feeds.



## Manor Farm Holsteins

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My stables are getting too crowded and I must make room. No matter whether they are the mature cows I have been trying to retain, or even daughters of my own herd sires, freshening with their first calves, some will have to go, to make room for the youngsters now coming. The prices asked on a limited number of cows should clear, and clear them quick. If you are in the market don't delay.

I also have sons of both my junior and senior sires, King Korndyke Sadie Vale, and King Segis Pontiac Posch.

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