

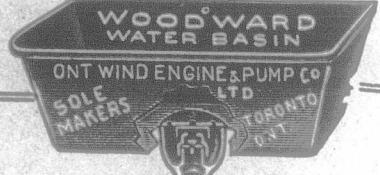
## Lump Jaw

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### Fleming's Lump Jaw Cure

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## Questions and Answers.

Miscellaneous.

### Cement for Silo.

How much gravel, and how many barrels of cement would it take for a silo 14 x 30 feet, and which is the better, one big silo or two small ones? J. B.

Ans.—It would require between 28 and 30 barrels of cement, and between 7 and 8 cords of gravel. For a small herd, where summer feeding is to be carried on, two small ones would be preferable, but where the herd is large enough to warrant, one large silo would be most economical.

### Pumpkins as Feed.

1. Should the seeds be removed from pumpkins before feeding to milch cows?  
2. Is there any difference in the feeding value between squash and pumpkins?  
3. In what quantities should they be fed to get the best results? W. H.

Ans.—1. A tradition among farmers is responsible for the belief that pumpkin seed increase the kidney excretions, but investigation does not substantiate these reports. They contain much nourishment, and need not be removed.

2. As a result of several trials, 2½ tons of pumpkins are considered equal to 1 ton of corn silage for dairy cows. Cattle usually relish pumpkins more than squash, and on that account may do better on them. We have no record where they have ever been compared, so we cannot record their exact relative value. We have in mind one instance where hogs were fattened exclusively on raw squashes, with good results.

3. They should be fed in quantities varying from 25 to 30 lbs. per animal, decreasing according to size and nature as a feeder.

### Pumping Queries.

1. We are building a new house, with a bath-room and tank in the attic. The cistern is just outside the house. We have a windmill attached to a drilled well about sixty feet from the house. Could we get a pump that would pump from the drilled well, and also force the water up into the tank in the attic from the cistern?

2. Would you advise putting in a plant to generate our own electricity for lighting purposes? If so, would the windmill do to furnish power, or would we require a gasoline engine?

### OLD SUBSCRIBER.

Ans.—1. Under certain conditions you could arrange to have the same pump lift water from the well, or force water from the cistern to the attic. It would be particularly easy, provided the water in your drilled well is within about 25 feet of the surface. If such were the case, then the sucker of the pump would be above the surface of the ground, and the two pipes could join below the sucker. It would be necessary to have two valves, one between the sucker and the well, the other between the sucker and the cistern. When pumping from the cistern, this valve would be opened and the other closed. When pumping from the well, vice versa. If the water in the well is lower than the 25 feet, the sucker of the pump must be some distance down in the well, and it will not be practicable to use the one pump for the two purposes. There would be two obstacles in the way:

1st. The manipulation of the valve down in the well below the sucker.

2nd.—The pipe from the cistern would have to connect below the sucker, and this might possibly be lower down than the level of the water in the cistern, and if, after pumping from the cistern, the valves in the well were opened, and the one to the cistern also accidentally left open, then the pipe from the cistern would act as a siphon and empty the cistern into the well.

2. For ordinary farms, the electric-light installation is too expensive to be practicable. The windmill is not satisfactory for providing the power, hence, it would be necessary to install a gasoline engine and an electric generator. Besides this, you would have to do the wiring and provide the fixtures. The outfit would cost from \$100 to \$600.

W. H. D.



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are bred from the best procurable imp. stock for generations back. Can supply Shearling Rams and Ewes, Ram and Ewe Lambs, all got by Imp. sires, highest types of the breed. Thos. Hall, R.R. No. 2, Bradford.

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Have a choice lot of sows in pig. Boars ready for service and young pigs of both sexes supplied not akin to best British herds. Write or call H. J. DAVIS, Woodstock, Ont. Long-distance phone.

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