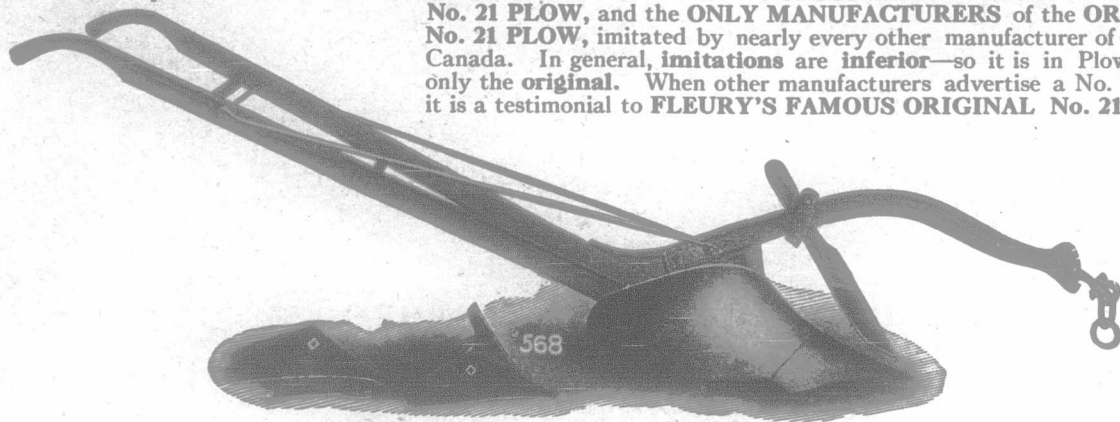


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on a Plow means **GOOD WORK** in the field, **LIGHT DRAFT** for horses, **COMFORT** for plowman—"EVER THE BEST" from the few plows of 1859 to the **THOUSANDS** of 1913. We are the **ORIGINAL MAKERS** of the **FAMOUS No. 21 PLOW**, and the **ONLY MANUFACTURERS** of the **ORIGINAL No. 21 PLOW**, imitated by nearly every other manufacturer of Plows in Canada. In general, imitations are inferior—so it is in Plows. Buy only the original. When other manufacturers advertise a No. 21 Plow, it is a testimonial to **FLEURY'S FAMOUS ORIGINAL No. 21 PLOW**.



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We are sold out of Tamworths also females in Holsteins but still have some choice bulls for sale from 2 to 6 months, officially backed and right good ones.

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We have some intensely interesting and valuable information to send you regarding this subject of roofing. A post card request will bring it by return mail.

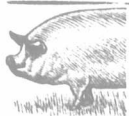
Simply scribble the one word, "Roofing" on the back of a post card, together with your name and address. If you haven't a post card handy, tie a string around your finger so you'll be sure to remember.

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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, at reasonable prices. All breeding stock imported, or from imported stock from the best British herds. Write or call **H. J. DAVIS, Woodstock, Ont. Long-distance phone. C. P. R. and G. T. R.**



ELMHURST LARGE ENGLISH BERKSHIRES

Present offering: Select sows. Choice boars, ready for service; also younger stock the get of Duke of Somerset, imp., and out of imported dams. Satisfaction and safe delivery guaranteed. **H. M. VANDERLIP, Breeder and Importer, Cainsville, P.O. Langford Station. Brantford and Hamilton Radial.**

Cloverdale Berkshires—Present offering: Sows bred and others ready to breed; also younger stock of both sexes. Prices reasonable.
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Duroc Jersey Swine and JERSY CATTLE
Grand stock, either sex, constantly for sale. Price reasonable. **MAC CAMPBELL & SONS, Northwood, Ontario.**



NEWCASTLE TAMWORTHS

I am now offering young sows, bred, and young boars of breeding age, chuck full of imp. blood and show ring quality; I think the best lot I ever bred. Also younger ones of both sexes.
A. A. Colwill, Newcastle, Ont., L.D.' Phone

Questions and Answers. Miscellaneous.

Pasteurizing Whey.

Would it be a paying proposition to pasteurize whey for hogs that are fed at a cheese factory? **N. M. K.**

Ans.—In our judgment it would pay to pasteurize whey to be fed to hogs at the factory. Such a method properly carried out would eliminate the possibility of conveying disease germs, especially those of tuberculosis to the hogs when mixed whey is fed. **F. H.**

White Grub.

Would you please answer through "The Farmer's Advocate" what is the cause of my strawberry plants being eaten off by a white grub with yellow head, about an inch long? **JAS. M.**

Ans.—The grub is the ordinary white grub larva of the May beetle or June bug. These bugs take from two to three years to develop from the egg to the mature beetle. The eggs are laid by the female in sod or grass land, and the young grubs live on the roots of the grass and other plants. The best way to avoid their injury in strawberry plantations is not to plant strawberries on land which has been lately in sod. It is best to grow potatoes or some such crop on the land for a year or two before planting strawberries. About the only way to deal with them in a patch where they are troublesome is to dig out the larvae, and destroy them whenever dead plants indicate their presence.

Gravel and Cement for Building.

1. How much gravel and cement would it take for a wall 5 ft. by 15 ft. by 2 ft.?

2. How much gravel would a box hold, the box being 40 inches by 10 feet by 10 inches.

3. How much lumber would it take to side a building without the gables, 50 ft. by 15 ft. by 6 ft.?

4. Which is the best, a hip roof or an ordinary one? **R. P.**

Ans.—1. Such a wall will contain 150 cubic feet. In estimating gravel to be provided, add one-fifth for compression and waste. This would figure out to 180 cubic feet, or between one and a third and one and a half cords. The cement mixed one to eight—would come to about 12½ cubic feet. Perhaps the amount of gravel actually scraped up and used would require only about 20 cubic feet of cement. Four cubic feet of cement equal a barrel, so that about five barrels of cement would be needed.

2. 27.7 cubic feet, if level full or practically a cubic yard. There are 128 cubic feet in a cord.

3. About 800 feet.

4. Opinions differ, but the so-called hip or gambrel roof is generally preferred, partly on the score of appearance and partly because the mow can be filled to better advantage with hay fork or slings.

Sulphur in Well.

I have a well in which the water has gone bad. The well was put down over thirty years ago, and had first-class water until 1912, when it got tainted with sulphur and not fit to use, but in the winter it got all right again, and this spring has gone bad again. Could someone tell me of some way or what to do to make the water all right again? **W. R.**

Ans.—There must be a sulphur spring in close proximity to the well. It may have always been there, but, up to the time when the water went bad, may have had its outlet in another direction, and this outlet may have been blocked from some cause or it may not have been blocked, but the water from the spring may have found a new channel which leads to the well. It is strange that the water is all right in winter and bad in summer. Is it possible that the sulphur water is running in from the surface, or at a point in the ground not below the frost line? If this were so winter freezing might stop the channel or turn the water in another direction. Further than to advise you to clean out the well thoroughly and see if you can locate the entrance of the sulphur, we can suggest nothing. Have any of our readers had any experience with trouble of this kind?