FARMER'S ADVOCATE AND HOME JOURNAL, WINNIPEG

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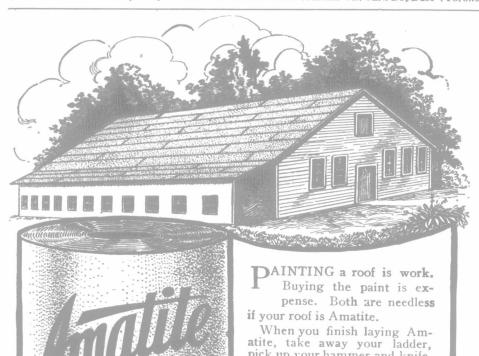
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wells are sunk are required to pay for any further helps required in connection with the drilling, about \$1.50 per day for gasoline for the engine and for all casing used at cost price. We are informed that there are more applications in for the use of these drills than can be attended to in the next twelve months.

HORSE IN POOR CONDITION

I have an entire horse which is a waster. It is still a good worker, but is getting very thin. Is there any remedy? Where can I get it and for how much? Sask.

Ans.-Have his mouth properly examined for defective teeth, if the trouble is there, have it remedied. Then give the following powder mixed with damp feed 3 times a day for two weeks, discontinuing its use then for a week, commence again for another two weeks Powdered sulphate of iron, 2 ounces powdered gentian, 4 ounces, powdered nux vomica 2 ounces, powdered ginger 1 ounce, common salt 5 ounces. Mix well, give a tablespoonful at a dose.

COURT FEES

A branded a heifer belonging to B. B summoned three witnesses to appear at Court on July 16th, they duly appeared at the J. P. Court, the J promised to pay them the sum of \$6.25 on July 23rd, as yet they are not paid. Kindly inform us how to proceed to collect this money. C D F

Ans.-If you were duly summoned as witness, or examined, it is the duty of the P. to pay you out of the costs of the case if it is a summary case. If the case was a preliminary hearing and the party accused committed for trial, you could not get your fees until the trial before the higher Court.

PUMPING BY TREAD POWER

We intend pumping water by tread power. In so doing we require about 30 feet of shafting. What size pulley would be right to put on shafting to give proper speed for pumping? Diameter of pulley on tread power, 51 feet; stroke of pump, 5 inches

SUBSCRIBER. Ans.—For the solution of the problem you should have given the diameter of the wheel with which the floor of the tread power engages. By measurement, I have found this wheel on a certain power to be 18 inches in diameter. You should also have given the rate of travel of the animal working the mill. Let us assume that the rate of travel is four miles an hour and that the diameter is 18 inches, the same as the one measured, then with a pulley on the shaft 6ft. 10 in. in diameter you would



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go away and leave the roof to take care of itself. A few years later you may go back and look at it if you care to, but it won't be necessary, and there won't be anything to do.

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get a stroke of the pump every second, which would possibly be a moderate rate, and the power required to do this would only be a small fraction of one horse-power. A pulley twice as large that is 13 feet 8 inches in diameter, would give one stroke every two seconds other conditions being the same as before.

WHITEWASHING STABLE

Which way is preferable to apply whitewash, on the inside of a cow stable with a sprayer, or a brush, and would you also add a little carbolic acid Would it be necessary to make two applications if put on with a sprayer?

SUBSCRIBER'S SON. Ans.—With a sprayer is preferable, as it is more quickly done, and the cracks and crevices are more thoroughly filled, though with care, very good work may be done with a brush. Take one-half bushel of lump lime, slack with boiling water, make into a milk and strain through a fine sieve. Add to this a peck of salt, dissolved in warm water; three pounds of rice, boiled to a paste, and stirred in while hot; half a pound of Spanish white and one pound of glue, previously dissolved in a glue-pot over a a thorough application mee a year. The addition of earliche head is not really necessary, though the addition of ore part of acid to 500 of the wash would help to ban the comp

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