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Every woman who has any washing to do should know about the CONNOR BALL BEARING WASHING MACHINE, which is built for service, comfort and convenience.



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All out-doors invites your Kodak.

Every day there are pictures right at home that are worth taking—pictures of the family that will always be cherished, pictures of stock and crops and buildings that will always be of interest and value.

And when you are away from home there are pictures that are not only of interest but of value, too, pictures that mean dollars and cents to you. Every progressive farmer, to-day is a student of the methods of those who are making the biggest successes in agriculture. A Kodak makes the most effective note book.

Our Catalogue explains how simple picture taking is by the Kodak method and how inexpensive. It's free at the Kodak dealers, or by mail.

CANADIAN KODAK CO., LIMITED
TORONTO, CANADA

Farm Home Water Supply

R. A. Penhale, Elgin Co., Ont.

I see no reason why a larger number of farms should not be equipped with a modern system of water supply, namely hot and cold water on tap, bath and closet for the house, and water on tap for the barn and stables. The cost need not be, and is not, out of the reach of the average farmer. It is only a matter of a little hard thinking and putting

forth a little more effort to very much improve, in many cases, the present water supply.

In visiting at farms, how often we find buildings large, and models of their kind, fences well kept up, labor saving implements in plenty and in good condition, fields well tilled, a pleasing lawn well kept, cattle and horses the best that money and skill can produce, splendid turnouts provided for attending church or for pleasure—but the water supply! But the water supply, one of the most important adjuncts to the convenience and wellbeing of the household, in too many cases is not in conformity with other surroundings.

PAY LARGE DIVIDENDS

There is no reason, to my mind, that any well regulated farm should not have a well planned water system in the house where a supply of water both hot and cold should be on tap all the time, and so arranged as to supply a bath and closet. The

convenience alone, not to mention the greater advantage of healthful and sanitary surroundings and comfort, the benefits from which are so priceless, will pay large dividends in actual dollars and cents in reducing labor in the house and on the farm. On this point I speak from experience, for we have had our system installed in our house for 17 years.

In my house an elevated tank lined with galvanized iron, holding three or four barrels of water, is placed near the ceiling in the bathroom on the second story. Into this tank the water is forced by windmill some 200 feet distant. The elevation of the tank gives all the force required to distribute the water in any part of the house where water is required. From this tank is a pipe connecting with the kitchen range and hot water boiler from which two other pipes convey hot and cold water to kitchen, pantry, cellar, bathroom and bedrooms, all of which are provided with waste pipes leading to cesspool, which I might say has required no attention since installed 17 years ago.

THE CASH OUTLAY

The cash outlay for my water system, including kitchen range, was about \$250 when first put in; the cost now would be much less for a very serviceable equipment; in fact, the cost can be regulated according to the size of almost any farmer's pocketbook.

After a water supply is secured and a windmill or other power for forcing water is installed, and water delivered to houses, the cost need not be very great, possibly considerably less than half of the above sum would meet all requirements.

Our supply of water is an artesian well, 280 feet deep. The water being free from lime we only require one system, and consequently do not save any rain water, but simply run all conductor pipes to tile drains.

THE BARN SUPPLY

The farm and barn supply of water is from this same well, but using one elevated reinforced waterproofed cement tank holding about 150 barrels of water when full. This tank at the barn is sufficiently elevated to supply water to all the farm buildings. Yards, small fields adjacent to buildings and lanes connecting the most distant parts of the farm are supplied, also the garden, where we irrigate occasionally on a small scale when the conditions warrant so doing.

If I were about to install a new water system, I would endeavor to so arrange the well and elevated tank and power for pumping and elevating on a separate spot, not too far from house, if possible, with an eye to securing a measure of fire protection in case of fire.

Note.—Mr. Penhale's farm was awarded the first prize as the best dairy farm in the Province of Ontario last year in the second year of the Dairy Farms Competition conducted by Farm and Dairy.—Editor.

What Housekeepers Should Not do

Don't litter up the kitchen when getting a meal, because it will take hours to "clean up" after the meal is over.

Don't put a greasy spoon on the table. It leaves a stain which requires time to erase. Put it in a saucer.

Don't crumple up your dishcloths. Hang them out to dry. They smell if you don't.

Don't pour boiling water over china packed in a pan. It will crack by the sudden contraction and expansion.

Don't blacken a stove while it is hot. It takes more blackening and less polish.

Ampelopsis

Among the hard-wooded vines adapted to culture where shade is an important feature our native ampelopsis deserves special attention. It is of extremely rapid growth, has ample and beautiful foliage, and requires very little attention. When used about verandas it should be trained



Vines are a Great Embellishment

The vines here shown growing against the wall of the farm house owned by Mr. Sandy Matchett, Fourbore Co., Ont., were secured from near the river. They lend considerable attractiveness to the stone wall.

—Photo by an Editor of Farm and Dairy

over coarse wire netting. After it reaches the roof of the veranda allow it to attach itself to the house walls and go to the eaves of the building if it wants to. This vine is most ornamental in autumn, when its leaves take on rich colors of crimson and maroon.

PLEASURE AND COMFORT are derived from the Stratford Lawn Swing

For the children in the summer there is nothing will give them more pleasure than a lawn swing. For adults, a swing on the lawn provides a means of comfort and rest.



This swing is made of well seasoned hard wood lumber, nicely finished. It is made strong and of the standard great strain, is built for four persons. The back can be adjusted and the foot rest raised so as to form hammock or bed. Made in various styles at different prices.

Write to-day for illustrated catalogue M.

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