

Scientific and Useful.

WATER PAILS.

The New England Farmer says:—Wooden water pails, whether to be used in the kitchen or at the stable, should receive two or three good coats of gum shellac varnish, dissolved in alcohol, well laid on both inside and outside.

HOW TO USE A SPADE.

The man who can handle a spade properly does not find it very hard or laborious work. He first lets the spade fall of its own weight down to the spot where the spadeful is to be taken up, taking care that the breadth on the surface of the ground is not more than four inches; then he draws back the spade a little, which takes off much of the friction of the descending blade.

MUSTY WHEAT.

What can I feed musty wheat to so as to get something for it? Would you advise roasting and feeding to young pigs next summer? I suppose it is out of the question to do anything toward making it fit for market, though there is no grown grain among it.

TO CLEAN LAST YEAR'S SILKS.

For the remaking of last year's black silks, may be recommended an excellent mode of cleaning. Rub each breadth carefully with a woolen cloth to get the dust from the surface, then sponge it all off in water in which one or two black kid gloves have been boiled, a quart of water for a pair of gloves; iron while wet, with extremely hot irons, on the wrong side.

USE OF TOBACCO.

Tobacco belongs to the class of narcotic and exciting substances, and has no food value. Stimulation means abstracted, not added, force. It involves the narcotic paralysis of a portion of the functions, the activity of which is essential to healthy life. It will be said that tobacco soothes and cheers the weary toiler, and relieves the overworked brain. Such may be its momentary effects, but the sequel cannot be ignored.

It is the peculiar work of the Spirit to open the eyes and enlighten the soul by an effective illumination, and discover to us the evidence of Divine truths; nor can the proposal of the object with the greatest certainty evidence, or by mortal reason cause men to discern spiritual things spiritually; since there must be a supernatural light, and suiting of the visive faculty to the object.—Fleming.

Paper made from the papyrus plant lasted from 1822 years before the Christian Era to the Eighth Century. Egypt was invaded by the Arabians and her trade destroyed. It was then, for the first time, that cotton paper was imported from China by the Arabians, who, two or three centuries afterward, supplied us through Turkey.

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