

bushel of grain in heap. Apply by sprinkling-can at intervals of 5 to 10 minutes; stir the whole so as to be uniformly wet; at the end, say, of one hour, shovel over and dry with lime, if desired.

(3) *Formalin*. This may be used at the rate of one pound to 50 gallons of water and the seed treated by sprinkling or by immersion for 30 minutes.

FOR LOOSE SMUT OF WHEAT.

Modified hot water treatment as follows. Soak the seed grain for 4 hours in cold water, let stand 4 hours more in the wet sacks; then immerse for 5 minutes in hot water at a temperature of 133° F.; spread at once on a smut-free surface to dry, and sow. Use one-half more seed to replace that injured by the treatment.

MANILLA HEMP.

Manilla hemp is the product of a species of banana which is cultivated in certain localities in the Philippine islands. The plant, called by the natives "abaca," throws up a cluster of sheathing leaf stalks to a height of 20 or 30 feet, which spread out at the top into a crown of huge undivided leaves. When it is three years old it is cut down and the stalks are torn into strips. These strips, while still fresh, are drawn between a knife and a wooden block, and the soft cellulose matter is removed. The fibre is then

hung up to dry in the open air until it is fit for use. Each stalk gives about a pound of fibre, and two natives will turn out about 25 pounds a day. The inside fibre, which is thin and weak, is used by the natives for making articles of dress. The familiar manilla rope is made from the fibre of the outer layer, which is hard and strong. The whole supply of manilla hemp practically comes from the Philippines, and the United States consumes 41 per cent. of it.

The best type of an all-round, general purpose fowl is a hen that has fair length of body and deep through from back to keel bone, with broad body, full round breast, and legs well set apart and of medium length, not too long. A hen of such a type is almost sure to be a good layer of large-sized eggs, and when she is placed upon the scales will weigh nearly one-fourth more than other birds of her size. It is a compact, blocky, hustling hen that the wide-awake farmers and market poultrymen want.

A lawyer, noted for his laconic style of expression, sent the following terse and witty note to a refractory client, who paid no attention to reiterated demands for the payment of his bill: "Sir—If you pay the enclosed bill you will oblige me. If you don't I shall oblige you."

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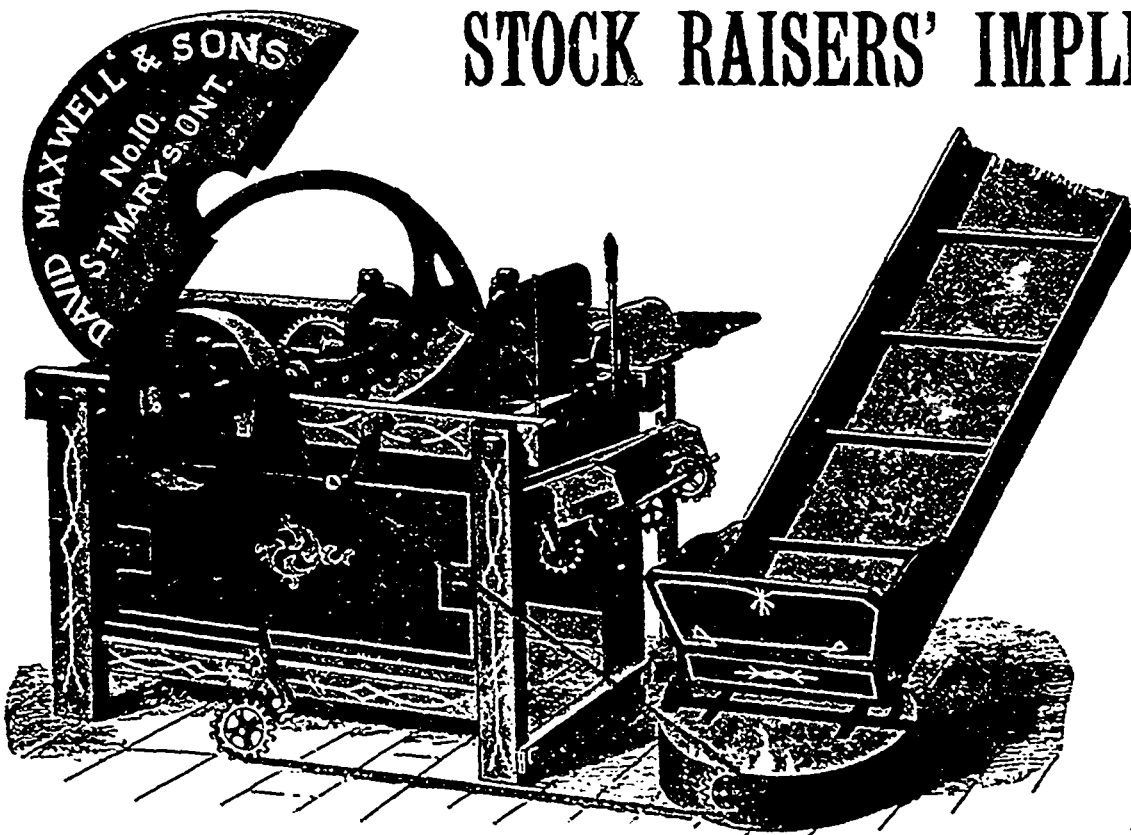
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