

lost her in a gale of wind at sea, and with her our evidence of the crime. It did not take us long to find out that this blow at unrighteousness had made us more enemies than many sermons. We have a saying that "it is only when you really tread on the devil's tail that he will wag it"—perhaps a modern synonym for "No cross, no crown." So long as the battle with sin is fought with kid gloves on, there will never be any need of the "fellowship of suffering." Last season after everyone had left the coast, report reached St. Johns that a large vessel loaded with fish and fully insured had been lost on the rocks six hundred miles north. On account of the rapidly-forming ice, we were doubtful whether it would be possible to get at the ship. But fortune favored us; we were able to get her, raise her, and, almost to our own surprise, we were able to tow her, in spite of December gales, safely to St. Johns harbor. The consignee (the same man who had owned the steamer we lost, and who had "suffered other losses") was found guilty of barratry and sent down to penal servitude. It is said that the world consists of two kinds of people, "those who go out and try to do something," and those who "stay home and wonder why they don't do it some other way." How would the critic look at this? Was it "missionary?" Is not the real problem of Christianity how best to commend it to the world? Can it most truly be advocated by word or deed? Can we afford to divorce the "secular" from the "religious," any more than the "religious" from the "secular?" It seems to me there is only one way to reach the soul—that is, through the body. For when the soul has cast off the body we cannot reach it at all.—From The Outlook.

QUESTIONS AND ANSWERS.

- 1st.—Questions asked by bona-fide subscribers to "The Farmer's Advocate" are answered in this department free.
- 2nd.—Questions should be clearly stated and plainly written, on one side of the paper only, and must be accompanied by the full name and address of the writer.
- 3rd.—In Veterinary questions the symptoms especially must be fully and clearly stated, otherwise satisfactory replies cannot be given.
- 4th.—When a reply by mail is required to urgent veterinary or legal enquiries, \$1.00 must be enclosed.

Miscellaneous.

TELEGONY.

Mare raised two colts from a Percheron horse, and one colt from a Hackney. How much Percheron blood would there be in the Hackney's colt?

W. G. T.

Ans.—None, notwithstanding the theory of telephony, i. e., the hypothetical influence of a prior service in moulding the character of the progeny.

WILD PEPPERGRASS.

What is the name and nature of the enclosed weed?

E. J. P.

Ans.—The weed is wild peppergrass, a bad weed in the West, and becoming common in some parts of Ontario. It will crowd out grain crops, likes light land, and gives some trouble in clover fields and new meadows, especially where the crop has been winter-killed. The seed is a frequent impurity in grass and clover seeds. Only the autumn plants, which live through winter, give trouble in grain. It is a winter annual. Early after harvest, cultivation continued until winter sets in, and followed up until June the following season, when rape, or some other tall fodder crop may be sown, will keep it in check.

BUCKWHEAT IN SILO.

I have a field of buckwheat that will not mature before frost comes. Will it make silage, put in the bottom of silo with corn on top? I have not enough corn to fill silo.

A. T.

Ans.—The stalks of buckwheat contain comparatively little feeding value at the best, and we do not think they would make good silage at all. We would not advise siloing unless it might be two or three loads in the bottom of the silo by way of experiment. Cured as hay, it might be fed, daily in small quantities to the cattle, following a good feed of something else. They would then pick off the heads and some of the leaves, the stalks going as bedding. It should

be fed with care, as large quantities of buckwheat straw are liable to cause indigestion and bloat.

LONG CHURNING IN SUMMER—CHICKS DEFORMED.

1. What might be the reason of long churning? In the summer we have to churn from one to two hours, and in the winter only from fifteen to twenty minutes. We have our cows on pasture all summer, but do not feed chop or anything of that kind. Do you think that would be the reason? They are watered three times a day. We have a cream separator. We stir our cream morning and evening. We have the cream from fifty to sixty degrees for churning in summer. Do you think the old grass has anything to do with it?

2. We have an incubator. Every year, out of every hatch, there are four or five chicks with crooked legs. This year, out of a hatch of eighty, sixteen had crooked legs, and had to be killed. We turn the eggs twice a day. Do you think not being particular enough in

turning every egg carefully would cause this? Some years there are quite a few dead in the shell.

SUBSCRIBER.

Ans.—1. The things you mention are not responsible. Probably you skim a thinner cream in the summer time. Milk usually tests lower then, and this affects the richness of the cream skimmed from it with the cream screw set at any given point. Adjust your separator to take a slightly richer cream. It should test about 30-per-cent. fat, though some cheap makes of separators will not do clean skimming if set to take so rich a cream as that. But skim as rich a cream as practicable, while avoiding excessive loss of fat in the skim milk.

2. When you get to the bottom of this question you will know more about incubation than any expert we are acquainted with. In a general way, these malformations and deaths of chicks in the shell are attributed to imperfect conditions of incubation. This is argued from the fact

that they occur so much more frequently with artificial than with hen hatching. Lack of constitutional vigor in the parents is believed to be a contributing cause; especially of the chicks dying in the shells. From your repeated experience with malformations, we are also inclined to suspect a certain hereditary predisposition. We do not think the handling of the eggs has much to do with the trouble, though possibly it may have a little.

Gaynor Was Willing.

An inventor who had a new kind of parachute wanted to test it by jumping with it from the top of the tallest building in New York. He was refused by Fire Commissioner Johnson and began pestering Mayor Gaynor.

After two days of annoyance the mayor wrote to Johnson:

"Dear Commissioner: The bearer of this note wants to jump from the top of the tallest building in the city. Let him!"



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