

THE FARM AND GARDEN.

TO DESTROY STOMPS.

I bore a hole one inch in diameter, eighteen inches deep, into the centre of the stump and put in one ounce of saltpeter, filling up with water and plugging up the hole. This should be done in the fall. In the spring the plug is to be taken out, a half gill of kerosene poured into the hole and set on fire. It will burn out the stump to the furthest root.

2. In the fall bore a hole one inch in diameter, ten inches deep, into the centre of the stump and put in a half pound of vitriol and plug very tight. In the spring the whole stump and roots through all their ramifications will be so rotted as to easily remove.—*Farmers' Home Journal.*

THE VALUE OF CHICKEN FEATHERS.

An Indians reader asks if it will pay to save chicken feathers. Our reply is "Yes," for while they have not the same market value as those of geese and ducks, it will pay to save them on any place where over a hundred head of poultry are kept.

These feathers are easily dressed. Strip the plumage from the quills of the larger feathers and mix with the small ones, putting the whole loosely in paper bags, which should be hung up in the kitchen or some other place to dry. Then let the bags be heated three or four times for half an hour at a time in a warm but not hot oven, drying for two days between each heating, and the process will be completed. Less trouble than this will answer and is often made to suffice, but the feathers are inferior in comparison to those so treated and may occasionally become offensive.—*New York World.*

FEDDING YOUNG PIGS.

It is not profitable to sell pigs at the early age of four weeks unless they are fat enough for roasters and can be sold at a good price. More gain in weight is made in such pigs than at any other age. It would certainly be advisable to put them up and feed them for sale later, when they might weigh 100 to 125 pounds each and sell in the market for seven or eight cents per pound dressed. A four week old pig will fed well, or should gain one pound of live weight per day. Both should be good, the food and the stock; then there may be some profit in the combination.

Whale blubber is not rich in fattening elements, but is especially valuable for promoting growth of muscle. Also, when liberally fed will increase the flow of milk, but will not give a desirable butter color.

It is not wholly sentiment to say that "the foot of the sheep is golden." This is the only one among our domestic animals that is increasing in value in the face of the present agricultural depression.

A colt should never be broken. In this relation the phrase "to break" should become obsolete. We should never have to break the colt any more than the boy. Both should be taught "from their youth up."

Disposition is a quality to be considered with all farm animals. In the dairy, in particular, the quiet, gentle cow is worth more than a fraction one. The latter if not only troublesome to handle, but is a disturbing element among the others.

It is not good management to feed fall pigs valuable grain through the winter, and then let them shift for themselves through the summer. If you have not made arrangements for good pasture next summer, better sell the pigs now and save the grain.

The profit in "finishing off" an animal for market is that thus a better price may be obtained for the whole. There is less gain for the food consumed toward the close than at any other period. Unless assured that a higher price will result, better not try too long for the extra pounds.

Economy in production is the key to financial success in all agriculture. In raising live-stock the guess work should be reduced to a minimum. Know what each animal has cost before you sell it. A merchant who should sell his goods without knowing their cost would soon be upon the high road to bankruptcy.

Profit would be found in breeding good milch cows, especially for family use, for the village and suburban resident. They should have all the qualifications of the best dairy cows; and in addition should be handsome in form and color and thoroughly domesticated, accustomed to being handled, and to the presence of children. A good family cow is as hard to find as a good family horse.—*American Agriculturist.*

HOW TO JUDGE WOOL.

An Australian expert gives the following on judging wool on live sheep: "The finest and softest wool is always on the shoulders of the sheep. An expert in judging sheep always looks at the wool on the shoulders first. Always assuming that the wool to be inspected is really fine, we first examine the shoulders as a part where the finest wool is to be found. This we take as a standard, and compare it with the wool from the ribs, the thigh, the rump and shoulder parts, and the nearer the wool from the various portions of the animal approaches the standard the better. First we scrutinize the fineness, and if the result is satisfactory we pronounce the fleece in respect to fineness very 'even.' Next we scrutinize the length of the staple, and we find that the wool on the ribs, thigh and back approximates reasonably to length to that of our standard; we again declare the fleece, as regards length of staple, 'true and even.' We next satisfy ourselves as to the density of the fleece, and we do this by closing the hand upon a portion of the rump and back wool, these points being usually the thinnest and most faulty. If this again gives satisfaction, we designate all the wool 'even to density.' Now to summarize these separate examinations: If the fleece is nearly of equal length on shoulder, rib and back, and density on shoulder and across the ribs, we conclude that we have a perfect sheep for producing valuable wool."—*Boston Cultivator.*

A SCRUB COW.

It may always be said the scrub cow is such by reason of its scrub owner. The cow always does as it is done by. In my neighborhood the scrub cow reigns supreme. It is hoary and reared a scrub and is fed on scrub; that is, on browse summer and winter, and never learns the smell of hay or the taste of meal. Consequently it is bred to a scrub bull and bears a scrub calf, and gives a gallon of milk a day at the best, for two or three months after which a pint tin cut holds all the milk. The poor calf gets half the milk for a month, when it is turned into the woods, and when a year old is perhaps a little smaller than it was eleven months before. Possibly, as scrubs, the common cattle of my present locality can scarcely be beaten. But as a proof of my statement on the first line I give this record of a scrub cow which I have had five years and have regenerated during that time into a very fair milker. At first, at three years old, she gave me three months after calving and on the best feeding, six quarts of milk per day. By good feeding on clover pasture, clover hay and corn meal, as much as she can eat profitably, she has come up in the five years to her sixth calf, and herudder has greatly increased in size, until now it is forty-two inches around at its upper part,

and with her fifth heifer calf, all of which I have raised, her yield is eight quarts of milk daily, from which is made eleven pounds of butter in a week. One scrub heifer with her first calf, and two years old, is milking fourteen quarts a day.—*American Agriculturist.*

PROFIT AND LOSS.

Winter no stock that is not productive, To feed a dry cow through the winter is to foolishly waste good money.

Less beef and more mutton means better profit for the farmer and cheaper food for the workingmen, both ends worth keeping in view.

The average weight of fleeces sheared in the United States has doubled within the past thirty years. This is progressive agriculture.

If "blood will tell" in one branch, it will in another. It pays as well, in proportion, to keep well-bred poultry as to keep well-bred cows.

The grading-up process will be very slow if grade animals are used for sires. A full-blooded sire should always be used for breeding purposes.

Sheep growers have two strings to their bow; whatever the condition of the wool market, good mutton and lamb always find ready sale at pricing prices.

Warm quarters in winter will save fuel. It is not economy of fuel to keep the house doors open in winter, or to feed corn to warm cattle in an open barn.

Individual attention to the stock-cows, in the way of kindness, cleanliness and comfort will be directly rewarded by the increased value of their products.

As a rule, sell an animal when it is ready for market; after that the cost of the food will be very likely to offset any advance in price. Besides, the price may not advance.

There is always a cash market for good young ankles. They are no more trouble to handle than horses, and are rather less liable to disease and accident than the latter.

It is just as bad policy to give poor food to good stock as to give good food to poor stock. Both should be good, the food and the stock; then there may be some profit in the combination.

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JUSTICE MILLER BETRAYED.

A paragraph in a Western paper to the effect that the late Justice Miller, of the Supreme Court, was so reticent concerning the business of the court that no one was ever able to obtain from him an inkling as to the nature of decisions on pending cases, is, of course, true. He was the most scrupulous man alive, but, nevertheless, on one occasion a certain ring of speculators in New York had advanced information as to one of his decisions by which they made hundreds of thousands of dollars. It came about in this way: A certain widow of a certain famous general was a near neighbor and intimate friend of the Miller family. She was a woman of extravagant tastes but small income, and was suspected of mingling in the lobby to replenish her purse, but the Miller family were always her firm friends, and she was as much at home in their house as in her own. It was known that Judge Miller had prepared the opinion of the Supreme Court in what was known as the Pacific Railroad case under the Thurman act, that he had read it at the regular conference of the justices on Saturday morning, that it had been approved by the court, and would be delivered on the following Monday. As the decision was certain to affect the prices of all Pacific Railway securities materially which ever it went, and as it might ruin men who held the stocks and bonds or make their fortunes, there was an intense anxiety to know its nature in advance. The agent of a New York syndicate offered the General's widow \$50,000 if she would obtain this information. She undertook the delicate task. While the Miller family were at church Sunday morning she went to the house, entered Judge Miller's library, unlocked his desk by means of skeleton keys, and copied a portion of the opinion, which was carried to New York and was made the basis of very large transactions in stocks before the opinion was announced—about 1:30 o'clock on Monday. The facts leaked out, the widow was never allowed to enter the Miller house again and was never again recognized by any of the family. In fact, she was compelled to leave Washington disgraced, but she got her \$50,000.—*Boston Cultivator.*

WHERE THE SPIRIT IS WILLING THE BODY IS FOLLOWING.

In thirty-four English boroughs the Mayors elected all total abstainers.

The City Council of Brazil, Ind., has passed Major Jacob Herr for indolent.

A runious and attends a riotous life. Well he was for the drunkard, as he hath lived like a beast, if he could so die.

One year ago there were no Women's Christian Temperance Union in Prince Edward's Island, now there are eight.

Glasgow, Scotland, has three licensed drinking houses for every 1000 of population. No less than 218 houses are issued to women.

The King of Bavaria has recently issued a proclamation prohibiting under severe penalties any native selling, bartering, or giving spirituous liquors for him as a beverage to any other native.

The only actual abstinence society in Russia was formed by Count Tolstoy about three years ago and now numbers about one thousand members. The authorities forbade the use of its rules.

The National Temperance Hospital, of Chicago, held its annual meeting last week, closing its first year without debt, and with brighter prospects for the future than it has ever before known. A full report of its work is published.

A recent visitor to the distillery of Daniel E. Chase, at Somerville, Mass., was told that the firm is to make a new product, and that there is a demand for, and that it has a contract with a London firm, covering seven years, for a daily product of 1800 gallons the destination of which is Africa.

"The Cow of Drunks" is the interesting theme to which Toronto newspapers are now devoting some space. It is significant that the last national temperance meeting in the winter last year reported a deficiency in wages lost, etc., of \$10,000. No wonder a Toronto editor deprecates the prevalence of drunkenness in our midst.

TEMPERANCE.

OLD RUM'S TRUTH.

It was made to be eaten, And not to be drunk; Be it therefore in a tankard, Not soaked in a tank. Eat it, and you'll live; When put through a mill; A slight and a cross;

When run through a still; Make me into love; And your children are fed; But if into drink, You'll be a drunk instead; In short, it's a secret; The elder shall eat; I drink it a fool.

The younger a fool; Then remember the warning; My strength is my employ; It makes us strong; If drunk in excess;

AN ANGRY ATTITUDE CONCERNING.

The Anti-Anti-Slavery Congress in America was not a myth, as some would have us believe, but an actual reality, and was held at the same time that the anti-Slavery Congress in Brussels. While the Christians in America were engaged in a noble cause, and others engaged in having slaves released, or to secure their freedom, the slaves themselves were adopting a resolution "to annihilate the entire class of Africans with a certain number of arrows and swords every European vessel containing negroes and set the slaves into slavery."

DISCOURSES ON DRINKING.

The latest, which is a high medical authority, publishes a paper upon "Alcohol as a Medicine." It is not economy of fuel to keep the house doors open in winter, or to feed corn to warm cattle in an open barn.

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WARM QUARTERS IN WINTER.

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A DOCTOR'S CONFESSION.

Dr. Brown's Take Much Medicine and Advice the Reporter Sat. No.

"Hunting" Of course! The so-called science of medicine is a hunting and has been from the time of Hippocrates to the present. Why the biggest cranks in the medical profession are the greatest physicians.

"They find a great admiring, especially as when it comes from one of the biggest young physicians of the city, one whose practice is among the thousand, though as has been graduated but a few years ago, says the Boston "Advertiser." Dr. Brown, however, with his desert grave site in Green-Wood Cemetery, and its many songs and shady chairs, he stirred the fancy, lighted a fresh cigar, and went on.

"Take the prescriptions laid down in the books and what do you find? Poisonously strong, and the healthy man afraid. Why in the world should one go to censure for its remedies? I cannot tell, nor can I tell any one who can."

"How does doctor answer the effect of his medicine?"

"He says it is good for the system, and the only way to judge would be to stand over the bed and look at the patient."

"This cannot be done. So really I don't know how to tell what good or bad he does. Sometimes, you remember, the Boston "Advertiser" sent a reporter to interview him, and he said, 'I am a doctor, and the best doctor in the world.'

"A reporter asked him, 'What is the use of alcohol?' He answered, 'It is good for the system.'

"'Is it good for the heart?' 'Yes, it is good for the heart.'

"'Is it good for the liver?' 'Yes, it is good for the liver.'

"'Is it good for the kidneys?' 'Yes, it is good for the kidneys.'

"'Is it good for the lungs?' 'Yes, it is good for the lungs.'

"'Is it good for the brain?' 'Yes, it is good for the brain.'

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