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#### FARM AND GARDEN.

timber, when the logs are being good one, and like everything else sawn into lumber of any kind, wheth. about the premises, well cared for. er scantling, boards or planks, will There is as much a right way and spring badly when a log is sawed in a wrong way of treating a grindthe usual manner, by commencing on stone as there is of treating a reapone side and working toward the er or an animal. other. In order to avoid this it is only necessary to saw off a slab or most valuable piece of property. plank, alternately, from each side, If you do not believe it, try to get finishing in the middle of the log. | along without one. I was without We will suppose for example, that a stone five days, and, during that a log of tough timber is to be sawn | time, had occasion to use one at into scantling of a uniform size. least five times. On the sixth, I Let the sawing be done by working | purchased two stones, one a coarse from one side of the log toward the grit, for grinding the duller tools other, and the ends of the scantling | such as hoes, spades, coulters, axes, will be of the desired size, while at | etc., and the other a finer grit for the middle some of them will measure one inch broader than at the ends. After the log has been spotted saw off a slab from one side; then move the log over and cut a similar slab from the opposite side. Let calculations be made by measuring before the second is cut off, so that there be just so many cuts, no more and no less, allowing for the kerf of every cut. If the log is to be cut into three-inch scantling, for example, saw a three-inch plank from each side, until there is a piece six and a quarter left at the middle. The kerf of the saw will remove about one-fourth of an inch. When a timber log is sawed in this way, ness from end to end. Now turn the log down and saw the cuts the other way in the same manner, and the scantling will not only be straight, treadle, comprise his help. When but of a uniform size from one end to the other, if the saw be started correctly.

How to FEED HORSES.—Some says that more horses are annually killed or injured by overfeeding and by injudicious feeding than by starvation or most other causes. In horses we can detect as many different temperaments and dispositions as in men, though but few horse owners take this fact into mature consideration in the management of their horses, particularly in the part of it relating to food and feeding. Some horses are patural gluttons, and they must be seen to carefully, or they will, at times, be apt to seriously injure themselves by feeding too fast, while much of the food they consume will pass through them undigested, for the simple reason that it is swallowed before properly masticated. We like to see what is termed a "good feeder," (one which does not mince or pick earefully over his feed), but then we are not at all partial to the ravenous ones. Such a horse as the latter named, will dive into his feed with his mouth wide open, and invariably takes more at a mouthfull than he can either hold in his mouth or properly masticate. There are several ways to fix such fellows, one way with his oats, while moistening the oats or feeding cut food prevents him from pandering to his greedy propensities. A horse with a delicate appetite is usually a tender delicate animal, and not at all desirable. The trouble with most persons, no matter whether on the farm work, or for driving the general sluggishness often manifested by the horses until they have been working a couple of hours, being used. while the wind is also much impaired. Night is the only time when hay should be fed, especially to animals used for quick work. Even the slow plough team should have but little hay at the morning and meon feeds, but give them a generous supply at the evening meal. By doing this your horse will keep in better spirits and condition, and free from any tendency to "pot belly," which horsemen so much dislike to see.—Chicago Herald.

Milk fever is most common in those breeds of cattle that are great milkers. In some of the great dairy sections of England the animals are put on short rations for two or three weeks before calving, with the effect of lessening the number of cases.

In digging out ferns, put your hands close under the root or bulb and pull it gently but "bodily." Before transplanting put the roots in water. Ferns require shade and a cool soil.

THE GRINDSTONE.—One of the necessaries of the farm is a grind-To saw tough TIMBER .-- All tough stone, and, of course, it should be a

The farmer's grindstone is grinding tools that require a finer edge, such as knives of various kinds, chisels, plane-bits, hatchets, etc. I believe every farmer should have two good grindstones of different grits. One, at least, should be found in working order upon every farm. The man who has none, certainly cares not either for himself or for his neighbor. He is continually losing time -and time is money -and has the displeasure and dissatisfaction of working with dull

Do not get old, rude, unpolished stones, but get a good reliable one, with the improvements of the day grind an axe. Now the boy alone can do it. A little self-adjusting machinery with friction wheels and buying a stone, get one with automatic sickle grinder. Their cost is but slightly additional, and their use will save you many times their cost.

To keep my grindstone in repair and good working order, I observe the following: I never grind a greasy tool without first removing the grease. This can be done in several ways. My way, after removing most of it with a stick or cob, is to use sand paper or emery cloth. I hold the tool that I am grinding so that it will wear both sides of the circumference of the stone uniformly. It spoils a stone to wear it "hollow."

I try to keep my stone as nearly round as possible. If one side wears down faster than the other, I know it is not a first class stone, and that it must be razeed. A grindstone should be razeed once per year. To do this take it out of the frame, but not off the shaft. By means of a pair of compasses or a scratch-awl and string, one end of which is held upon the shaft or journal, and the other upon the stone at its shortest radius, describe a circle. Replace in the frame, and with chisel and gouge remove all the inscribed circle. Exercise care that you do not chip off the corners. Unless a stone becomes very much one-sided, it is not necessary to razee it off.

I remove all flinty places with a hard, sharp-pointed instrument. never allow my grindstones to stand in the rain or sunshine, but at all times keep them in the barn or sheltered place. Not only the frame, but the stone as well is injured by not being protected.

do, by having troughs beneath them. fellows -- Helping Hand. purposes, is they feed too much hay; Being continually in the water causes and to this cause can be attributed them to become soft. If you use a trough, see that it is lowered beneath the edge of your stone each time after

and cutting power of the stone.

the larger it is the easier it will run and the longer it will last. You can Most ladies have bits of broken jewelnot use a treadle upon a small stone. Keep the frame standing upon a level floor, and it will turn easier .- Correspondent Cincinnati Gazette.

The general conditions of successful stock-raising are, good animals regularly supplied with reasonable allowance of wholesome food and drink, and properly sheltered and treated.

Have the least possible fencing, but always substantial.

The doctor will ride on if he sees you have a good garden.

Better go to the lumber yard and the crib than to the "cattle doctor."

Do all work at the very earliest seasonable moment.

HOUSEHOLD.

It is a very popular fancy just now to serve oranges sliced very thin, with powdered sugar sprinkled over them, at the close of an elaborate dinner or supper; and certainly nothing could be more refreshing after eating heartily of meats and

TREATMENT OF EARACHE.—It is said that by the following simple method almost instant relief of earache is afforded: Put five drops of chloroform on a little cotton or wool in the bowl of a clay pipe, then blow the vapor through the stem into the aching ear .- Med. Record.

A German physician speaks highly of the use of soft soap as a local application for sores or glandular swellings, abscesses, discharging canals, and cavities, felons, etc. It is not a new remedy by any means, but one which seems likely to be neglected where it might be of real service. Quite a pleasant preparation can be made by dissolving the soap in a little cologne

#### VARIETIES.

A cleryman at Durham some short time since taught an old man in his parish to read, and found him an apt pupil. After his lessons were finished he was not able to call for some time, upon it. The time was when it and when he did, found only the wife the cuts will be of a uniform thick- required two men and a boy to at home. "How is John?" said be; " how does he get on with his reading?" "Oh, nicely, sir." "Ah, I suppose he'll read his Bible very comfortably now?" "Bible, sir! Bless you, he was out of the Bible and into the newspapers long ago !"

> The name of the forget-me-not is derived form a German tradition full of melancholy romance. It is related that a young couple on the eve of marriage, while walking along the banks of the Danube, saw a cluster of the forget-menot, floating on the stream which was bearing it away. The affianced bride admired the beauty of the flower, and lamented its fatal destiny. The lover plunged into the water to secure it. No sooner had he caught it, then he found himself sinking; but making a last e fort, he threw it on the bank, at the teet of the maiden and at the moment of disappearing forever, exclaimed. ' Vergiss meie nicht!' Since this occurence, the flower has been made emblematical of the sentiment, forget-me-not. We have seen this flower growing in great profusion on the banks of the rivers and streams of France, Germany and Swit-

> A New York photographer of long experience says that the truest likeness is gotten from the left side, but the handsomest picture is got from the right side. People whose looks just suit them, then, so that their ambition is bounded by the Cromwellian aphorism, "Paint me as I am," will pose with their left to the machine, while those who are anxious to be seen at their best and prettiest, though it may not be at their truest, will turn to it the other cheek.

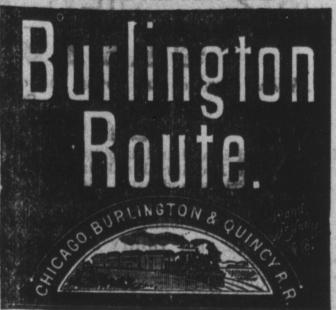
Two drinks of whiskey mean a pound and a half of beefsteak; two beers a dinner of mutton chops; one cocktail, an eggplant or head of cauliflower. What'll you take, Charley?' stands for a nice oyster stew for the whole family Sunday morning. 'Set 'em up again,' means sugar in the house for a month. This is a bit of practical do-I never allow the lower edge of my mestic economy, furnished by a work stones to stand in water, as a great many | ing man for the consideration of his

WHAT WOMEN ARE DOING .- A San Francisco young woman has started a new business. She goes about from house to house mending jewellery and Before grinding a rusty tool, I see repairing clocks. When she has to that most of the oxide is removed. If drill a hole in a piece of metal she has allowed to remain it obstructs the grit | drills and a lathe which she works by attaching to a sewing machine. Almost In buying a stone remember that everybody who has jewellery has also a sewing machine. Her trade flourishes. lery lying about which they do not think it worth while to send to a shop, but which they would gladly have mended should any one come to the house and fix it up at a small price. In the regulating of clocks also she does well. Beside her lathe and drill she has with her, in a neat little box, a full kit of jeweller's tools, a spirit lamp, a bowl-

> Infidelity reproves nothing that is bad. It only ridicules and denounces all that is good. It tears down-it never constructs; it destroys-it never imparts life; it attacks religion, but offers no adequate substitute. - J. R. Write for one by Card.

To do God's will—that's all That need concern us; not to carp or ask The meaning of it; but to ply our task, Whatever may befall; Accepting good or ill as He shall send, And wait until the end. -Margaret J. Preston.

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