

Treatment of Balky Horses Notwithstanding the fact that the press continually admonishes whom it may concern that it does no good to whip or pound a balky horse, almost every owner or driver of one does it today. It is probably the greatest piece of horse folly in existence. It is not a remnant of barbarism, but it is continued barbarity, and brings out what original sin there is in a man.

The brain of a horse can retain but one idea at a time. If the idea is to sulk, whipping only intensifies it. A change of that idea, then, is the only successful method of management This may be accomplished in scores of ways, a few of which are here named:

Tie a handkerchief about his eyes; tie his tail to the bellyband or backband; fasten a stick in his mouth; tie a cord tightly around his leg; clasp his nostrils and shut his wind off until he wants to go; unhitch him from the vehicle and then hiten him up again, or almost any way to get his mind on something else.

Whipping or scolding always does harm. The treatment should always be gentle. There are more balky drivers than horses.—National Stockman.

Water|Supplied by Siphon. Siphoning water is one of the sim plest methods of getting a supply for irrigation or building. Where there is a body of water about the buildings, but separated from them by such a height of ground or ridge that water will not naturally flow through a pipe from the supply to the source of consumption, it is often possible to use a siphon. A siphon consists of a tube bent at a point nearer one end than at the other. giving a long and a short arm. If the tube be filled with water, the column of water in the long arm is heavier than the column in the short arm. As the heavier column starts to run down out of the tube, a vacuum is created at the bend, and the lighter column of water in the short arm is constantly forced up to fill the constantly produced vacuum at the bend, the stream being thus made constant. The water must first be started through any large pipe by a pump, but when once the flow is started, there is no need for the pump. If the pipe and the shut-off are perfectly air-tight, the stream will begin to flow again when turned on.-Ag-

lowed to roost out of doors nights. Plenty of fresh air makes them vigorous and hardy. Some protection is needed, however, to protect them from showers, and the attacks of owls and them if roosting in trees. A simple roof attached to the side of a building is shown in the illustration. It is easy to build, can be taken down in the fall,

and answers the purpose admirably.



INEXPENSIVE CHICKEN ROOSTS Put the chicks to roost once or twice and they will soon go to their new

quarters of their own accord.

New Fodder Crops. New fodder crops continue to attract much attention at the Vermont station. Soja beans of the green and black varieties have proven satisfactory each year. No other leguminous hoed crop has given better returns in tonnage of green fodder, dry matter, or protein. The green variety yielded at the rate of six and a half tons green and two tons dry fodder, and nearly one-quarter of a ton of protein to the acre. Good growths were made of hairy and spring vetches with and without oats, but after experience with these crops for several years at the Vermont station, they are considered unequal to peas and oats. Serradella yielded about a ton of dry matter per acre, and is recommended as a promising forage crop that is rich in protein.-Agriculturist,

Suger Beets for Cows. I think very favorably of the raising of sugar beets to feed to stock, especially to milch cows. I feed about four quarts of beets, chopped up, with three pints of cornmeal and one pine of cottonsced meal for morning ration; at night I substitute mixed feeds, or shorts, for the roots. I like a change in the roots, giving one morning beets, the next carrots, and then potatoes, as I have them to spare. I think stock like a change in their diet as well as we do. There is a very perceptible falling off in the flow of milk as soon as I stop feeding roots.-Hoard's Dairyman,

Rational Pig Feeding. Careful experiments have shown that

tein-which is the so-called flesh-forming matter of the food-greatly increases the growth of pigs. The reason for this is quite evident and simple. It is that this food so encourages the development of muscular tissue, of which the vital organs mostly consist, that the digestion and assimilation of the food are made much easier and effective; that the food is eaten with better appetite, and is far better digested. In fact, the machinery of the pig is so much improved by this feeding that its work is done much more effectively and consequently so much more profitably.-Agriculturist.

To Make the Farm Pay.
One of the greatest hindrances to rofitable farming is a desire to go too fast at first and to purchase things we could get along without. The obliging agent's tell you that you need not trouble about the money; your note will do just as well; but you will find that you must pay big interest for the privilege of going in debt, and you are al-

ways at a disadvantage to your creditor. Have the money ready to pay, and you can then make your half of the bargain. Take good care of your farm and your stock, and they will furnish the money for necessary outlays.

I will just say to young men who expect to make farming their occupation, that they may expect hard work and plenty of it, and will not need to join iny base-ball nine for exercise; but if they take care of their health and habits it will not hurt them, for I have tried it for over sixty years, and am today a well-preserved man. I can truly say that with the blessing of our Heavenly Father upon the labors of myself and family I have made farming pay.— New York Tribune.

How to Draw a Stump. My experience has taught me that for those using capstan grub and stump machines or otherwise pulling in a



TO PROPERLY DRAW A STUMP.

horizontal direction, it is advisable to hitch to the stump in the manner illustrated. If the chain is fastened to a large side root or to a large root at the side nearest the machine, double as much power is required as if it were hitched on the opposite side and the chain passed over the stump, either if hitched to a root and passed over, or when hitched to the further side of a high stump near the top and passed over.-Egbert Boukma, Kent County, Michigan.

Locating the Pear Orchard. A slightly descending slope is most favorable in order to precipitate drainage and the discharge of surplus surface water, but it is not essential that any particular point of the compass should be secured. Shelter from the rake of the wind is important. The pear is a companionable tree and will luxuriate when supported by other trees around it. In close garden culture a degree of humidity is preserved Warm Weather Chicken Roosts.

During the summer and early autumn foliage where the strong winds are and there is less evaporation from the months chickens do much better if al- broken, the growth will be more vigorous and healthy. There must, however, be sufficient air and sunlight to mature the wood and the fruit. If the site is high, it will be an advantage to plant an evergreen to the windward, both for hawks that would especially trouble the health of the trees and also to prevent the falling of the fruit during high winds. On the other hand, a low, cold and peaty position, subject to fogs and frosty nights, is objectionable. A strong, retentive loam inclining to clay is a preferable soil.

> The Right Way to Feed Horses. The receptacle for the horse's grain should never be made of wood, but always of Iron, which is easily kept clean and sweet. A few handfuls of dry meal added to each feed of oats will cause the horse to eat much slower, chew his food more perfectly, and thereby be kept in more perfect condition, thorough mastication being necessary to good digestion. If the weather is cold, let the meal be largely of corn, increasing the amount of fine feed, as shorts, as the weather becomes warm, with a little oil cake toward spring .-Our Animal Friends.

Snow, When heavy falls of snow come get out the snow plow and open the paths before the snow crusts over. It will save labor to open the roads at once. A foot-wide hemlock plank, sixteen feet in length and two inches in thickness, cut in half and nailed together V-shaped, will make a first-class plow.

Pruning Grape Vines. It is all right to prune grape vines in early winter. It gives the trellises a neater appearance to have the brush removed and the canes tied up. There will be other things to look after in early spring.-Epitomist.

The Dairy. Washing out the buttermilk is much more economical of labor than working

All reasonable care should be taken to prevent the cows from drinking stagnant water.

Brine salting of butter is wasteful and inaccurate. The most satisfactory way is to salt on the butter worker. weighing both salt and butter.

The power to consume, digest and assimilate nutritious food is what is desired of the cow at maturity; and to receive this, the calf must be well fed.

No other matter about the farm will so toorly stand being made a thing of secondary interest as the dairy. A very little neglect will go a long way toward destroying the profit. Neglect is sure to attend that which is not of a the liberal feeding of foods rich in pro- first consideration.

"It is a startling fact that, almost without exception, the adulterated teas are dangerous to health. Some of them are actually poisonous." -N. Y. Herald.

Yes; some-not all. But that isn't the point. You drink tea because you like

for you. The wholesome tea is also the best-tasting: Schilling's Best-at grocers' in packages.

it--not because it is good

San Francisco

Determined women have invaded another educational citadel. The university of Edinburgh has granted the degree of M. A. to Misses Geddes and MacGregor.

## THE MEANING OF IT.

Very often we give the wrong meaning to word and thereby make serious mistakes For instance, the true and literal meaning of the word rheumatism is "aches or paint of the muscles, bones and joints of the huof the muscles, bones and joints of the hu-man body." It is general and not specific Also the word relief does not mean cure Relief may be but a short cessation of pain But when we say St. Jacobs Oil cures rheu-matism promptly and permanently, we mean it conquers pain quickly with no re-turn of it, unless the sufferer gives cause for a new attack, and then it will cure again. It matters not whether it is chronic, acute or indammatory, it will cure. That is sure, be sure of it.

There is a house in Paris occupied by over fifty tenants who for twenty years have never paid any rent, the landlord being unknown.

TO GET OUT OF THE WAY

When trouble is coming, is obviously the part of common sense. An obstruction of the bowels is a serious obstacle to health. To get this out of the way is an easy matter with the thorough laxative, Hostetter's Stomach Bitters, which, although it affords relief, never gripes and convulses like a drastic purgative. Dyspepsia, malaria, kidney and rheumatic aliments and nervousness yield to this genial family medicine.

America has over five thousand islands round its coast.

l shall recommend Piso's Cure for Con-sumption far and wide.—Mrs. Mulligan, Piumstead, Kent, England, Nov. 8, 1865.



Gladness Comes With a better understanding of the

VV transient nature of the many phys-ical ills, which vanish before proper efical ills, which vanish before proper efforts—gentle efforts—pleasant efforts—rightly directed. There is comfort in the knowledge, that so many forms of sickness are not due to any actual disease, but simply to a constipated condition of the system, which the pleasant family laxative, Syrup of Figs, promptly removes. That is why it is the only remedy with millions of families, and is everywhere esteemed so highly by all who value good health. Its beneficial effects are due to the fact, that it is the one remedy which promotes internal cleanliness without debilitating the organs on which it acts. It is therefore all important, in order to get its beneficial effects, to note when you purchase, that you have the genuine article, which is manufactured by the California Fig Syrup Co. only and sold by all reputable druggists.

If in the enjoyment of good health, and the system is regular, laxatives or

If in the enjoyment of good health, and the system is regular, laxatives or other remedies are then not needed. If afflicted with any actual disease, one may be commended to the most skillful physicians, but if in need of a laxative, one should have the best, and with the well-informed experience. well-informed everywhere, Syrup of Figs stands highest and is most largely ded and gives most general satisfaction.

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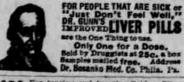
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TRUMPET CALLS.

to the Unredeemed.



with sunshine in it to attract a child. Some very large trees bear very little fruit.

Winking at sin will soon ruin the eye-sight.

A wolf in sheep's clothing is none the less a The rest of

Christ is for all who will give up sin. Every temptation resisted is a trouble escaped.

Nothing is gained by starving the soul to feed the body.

No man who truly follows Christ ever has to stand alone.

Every man helps the devil who talks one way and lives another.

When you pray don't forget those who treat you despitefully. The best news ever told in this

world was that God is love. Too many start to follow Christ who

stop at the first cross-roads. The man who lives a lie has a pack of bloodhounds on his track.

The best place for a Christian is where God needs him most. Be careful where you step, and those who follow you will stumble less.

God has called many men to preach the gospel, but none to defend it.

Sooner or later every great thought will make its way around the world. Improve your time, and you can depend upon it that time will improve

There is such a thing as having religion in the head and not in the

Try giving all your troubles to the Lord, and see how light they will become

God expects every Christian to try to make the world better than he

Every one who can say, "The Lord is my Shepherd," may also say, "I shall

not want." If wisdom could have saved the world it would have been done in the

time of Solomon The light shining out of a true Christian life is the best answer that can be given to unbelief.

Whenever the devil is called by his right name some prominent men are sure to be offended.

Before you put in a crop of wild oats remember that you will have to reap what you sow.

How His Knowledge Served Him. porter of the New York Sun, the Hon. Daniel S. Lamont, Secretary of War, remarked that he had learned telegraphy as a boy, and that it had often stood him in good stead. He then told

the following story illustrating this use. fulness: Several years ago, after my father's death, I wanted to bring my mother to Washington. I was in McGrawville, my home town in Cortland County, and it was necessary for us to take a number of railroads in order to reach the main line by which we were to go to Washington. It was also necessary to change cars a number of times on these local roads, and in one or two instances the trains were late, so that I

connection. At last it became positively known to me that unless we could make a certain connection, my mother would be compelled to remain over Sunday in a small and cheerless town. I anew the president of a railroad, who, if he were informed of my predicament, I believed would help me out. So I telegraphed him, telling him that my trains were late, and asked him if he would not telegraph the superintendent to have the train on the main road held until my local train arrived.

began to fear we could not make the

Before I got to the local station where the main line train was to be met, I had to change cars. It was a dreary little station, and I remember well my anxiety while sitting in the walting-room with my mother, not knowing whether my dispatch had been received, till I heard clicking over the wire an inquiry from the superintendent of the road:

"Is Colonel Lamont there?"

The operator looked around the room to see only two persons, my mother and myself, and immediately replied: "No."

Just as he sent that word I stepped up and said:

"My friend, I have unintentionally overheard the inquiry going over your line as to whether Colonel Lamont is here. That is my name."

The operator quickly corrected as "no," and informed the superintendent that I was there, and word came back that the main line train would be held for me.

This is only a little incident, but it demonstrates not only the value of telegraphy, but the possible usefulness of all practical knowledge that a boy can obtain. So I say that every boy who has the opportunity to learn telegraphy should do so. Once learned. you never forget it. It may be of service at any time, and it will always give a good livelihood.

Might Be Worse.

Howso-A horse ran away with my brother yesterday and he'll be laid up for two months.

Comeso-Yes? Well, I knew a fellow who ran away with a horse yesterday and he'll be laid up for two years .-Exchange.

## Hern Sounds a Warning Note Get this Package T takes religion When You Call for It.



And Don't Be Defrauded by any Substitute That Some Dealers Try to Sell You for the Sake of the Larger Profit!

## Beware Of Mercury!

Mr. Henry Roth, of 1848 South 9th Street, St. Louis, was given the usual

mercurial treatment for contagious blood poison. He was twice prono ed cured, but the disease returned each time, he was seized with rheumatic pains, and red lumps and sores cov-



ered his body. "I was in a hor-rible fix" he says, "and the more treatment I received, the worse I A New York specialist said he could cure me, but his treatment did

pains, my left arm was useless so that I was unable to do even the lightest work. This was my condition when I began to take S. S., and a few bottles convinced me that I was being benefitted. I continued the medicine, and one dozen bottles cured me sound and well. My system was under the effects of mercury, and I would soon have been a complete wreck but for S. S. S."

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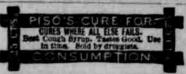
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