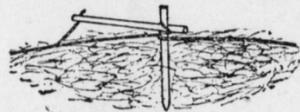




LOAD QUICKLY BOUND.

Binding Pins for Use in Securing the Load of Hay.

Every person moving hay ought to have a set of binding pins. They are made in a minute and serve an excellent purpose for a lifetime. The sketch shows a rope stretched over the top



Binding a Load of Hay.

of a load of hay or straw. The upright pin is worked down into the load and the other twisted in the rope and turned around the upright until the load is tightly bound. Then a small rope that is kept tied in end of the horizontal pin is tied to the binding rope and the pressure is held. Each pin is 3 1/2 feet long. One is sharpened and the other has a one-half-inch hole bored through one end. Old fork handles, suggests Farm and Home, are just the thing to make them of. One pin only may be made and a fork used to bind in the manner shown after the load is on.

BITTER ROT IN APPLES.

Methods of Combating This Troublesome Disease.

The following conclusions as to the best method of fighting this disease are given in a recent bulletin of the United States department of agriculture:

- 1. Bitter-rot can be completely controlled by proper applications of Bordeaux mixture, 93.3 to 98.9 per cent. of sound fruit having been saved by such treatment in these experiments, while the checks rotted completely.
2. Four applications, when made just at the right time, are sufficient to control the disease satisfactorily, but in order to be sure of covering the infection periods one or two additional applications may be necessary.
3. The applications should be made at intervals of two weeks, beginning about six weeks after the trees bloom.
4. It is necessary to spray the trees thoroughly, coating the fruit on all sides with fine mist-like applications.
5. Other diseases, such as scab, leaf-spots, and sooty-blotch, may be controlled in connection with the treatment of bitter-rot.

For the treatment of bitter-rot alone spray the trees thoroughly with Bordeaux mixture at intervals of two weeks until five applications have been made, beginning not later than 40 days after the petals have fallen.

For the combined treatment of apple-scab and bitter-rot, spray the trees with Bordeaux mixture (1) just before they bloom (but after the cluster buds have opened and exposed the flower buds); (2) as soon as the petals fall; (3) a week or ten days later; (4) about 40 to 50 days after the shedding of the petals, and at intervals of two weeks thereafter until, in all, seven or eight applications have been made.

DRYING WEATHER.

Corn Very Sensitive to the Condition of the Atmosphere.

In the drying of corn in the cribs the condition of the weather counts for far more than most people suppose. The corn seems almost like a sponge, the way it pulls in moisture from the atmosphere. In some experiments carried on by the University of Illinois, the corn in two cribs was weighed every week from January 7, 1904, to November 10 of the same year. A record was kept of the condition of the weather and its effect was clearly noticed in the shrinkage or gain in weight of the approximately 20,000 pounds of corn. During the week from January 7 to January 14 the weather was clear and mild and the corn increased in weight 160 pounds. That is, it actually absorbed that weight of water from the atmosphere. The next week was cloudy and the corn absorbed 45 pounds more of water. The next two weeks were dry, with snow, and the corn lost 205 pounds of water. From July 7 to July 14 the wind was mostly in the south and the weather was damp. The corn added to itself 175 pounds of water. The week from September 22 to September 29 was reported as dry and hot, but the corn added to itself 185 pounds of water. The moisture must have been excessive in the atmosphere. A record of the moisture conditions of the atmosphere would be a good thing to go with the report of weather conditions, in comparing records of shrinkages and gains in weight of stored corn.

Horse's Drinking Capacity.

A horse can drink from 45 to 65 pounds of water per day. If the feed is dry, all of this amount will have to be supplied at the trough. If the feed contains a great deal of succulent green stuff, a large amount of the water will be taken into the system in that way and less will be needed at the trough. The safe rule to follow is to allow the horse all it will drink, provided it is not allowed to drink too rapidly.

IT PAYS.

The Value to the Farmer of Keeping Field Accounts.

Many pages of agricultural literature have been wisely devoted to urging farmers to keep account of the different members of their dairies, to the end that the cows that do not show a profit may be disposed of and those that show a proper balance be used to advantage in building up a more profitable herd. In all probability, farmers who have followed this advice carefully and consistently for a few years have found the practice much to their advantage. In no other way than by a careful account can a farmer tell which of his cows is kept at a loss and which, by their superior productiveness, are bearing the burden of a lot of worthless animals in order to show a little profit for the entire dairy.

But there is another way in which the practice of keeping such an account may well result in great profit. Our farms in New York state are divided into fields of different sizes for the convenience of diversified agriculture. Different portions of the farm may be thus pastured or devoted to grain or grass growing. It is doubtful if many farmers know, except in a general way, which of their fields are most productive, or the extent to which they are so, and which fields barely pay the cost of taxes and cultivation.

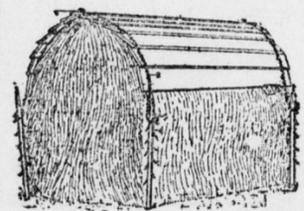
Not a great way from the barn the ordinary farmer may have a field which will, in ordinary seasons, give from two to three tons of cured hay to the acre. Half a mile from the barn may be a considerable area that will not average over half a ton. But every acre on the farm pays an equal amount of taxes and it takes just as much time and labor to plow an acre of poor land as it does of the more fertile, and the reason for this condition of fertility or lack of fertility comes from the fact that the fields closer to the farm buildings have in time past received more than their fair share of fertilizers and have been devoted to crops that would pay better than the more remote fields.

I dare say that on many farms the farmer, if he pursues this idea carefully and continuously, will find a large portion of his farm is actually not paying expenses of cultivating. Generally speaking, the fact that one choice acre of the farm will produce two and a half or three tons of cured hay per acre and another acre more remote from the barn will produce only half a ton, ought to convince a thoughtful farmer that he himself is responsible for the deficiency. Other things being equal, the remote acre should produce as much in the way of crops as any other acre. It is certainly a slipshod way of carrying on the farm, that the barnyard manure should be dumped around in the fields near the farm buildings because too much labor is required to draw it to the more distant parts of the farm. These being, in all probability, actually hungry for the manure, would respond to generous use of manure and more thorough cultivation.

GOOD HAY COVER.

Splendid Method of Protecting Stacks from Rain and Wind.

Where lumber for barns is often dear, temporary roofs of inch boards over stacks serve a good purpose, the boards being carefully selected to have no cracks in them, well painted with some light-colored paint and laid on as shingles are laid, one lapping



The Board Cover.

over the other, and held by a light flexible chain at each end and a staple. Have the ends of the chain attached to large rings which slip over slender poles driven in the ground and with headless spikes driven in like barbs, so the winds will not lift the roof. By boring one small hole near the lower edge of each board a wire would tie the two to the chain and not injure the board as staples might.

FOR REFLECTION.

In the care of domestic animals it is easier to prevent disease than to cure it.

Orchards show the application of manure best when spread over the entire ground so that all the roots receive some benefit.

The efficacy of blood in brood mares is quite as noticeable as in sires, and always will make an important showing in the offspring.

In their wild state animals are never subject to live in unventilated buildings. This is one reason why wild animals are healthy.

Boys, better a job on the home farm with small but sure gains every year than a clerkship, \$10 a month and shiny pants in the big city.

IN THE NAME OF CHARITY.

Jack London's Story Carries Sting of Truth and Pathos.

"Jack London's famous definition of charity—'sharing a bone with a dog when you're as hungry as the dog'—recalls a story about charity," said a magazine editor, "that I heard Mr. London tell at a farewell dinner in New York before he sailed away on the Spark.

"Mr. London said two old men were smoking and drinking together after dinner. "The host rang the bell and an old woman appeared.

"'Confound you, 'stupid!' said the host. 'Didn't I tell you I wanted the Scotch? Take this back, and bring what I asked for, you old fool!'

"'Come, come,' said the guest, after the old woman had hurried away in a great fright. 'Come, come, my friend, don't you think you are rather too sharp with your old servant?'

"'Oh,' said the other, 'she's not a servant. She's only a poor relation I'm keeping out of charity.'

"The guest looked relieved. "That alters the case, of course," he said."—Washington Times.

NO RELIEF FROM ECZEMA

For Over Two Years—Patent Medicines, Quack Cures and Doctors Fail—Cuticura Succeeds.

"I was very badly afflicted with eczema for more than two years. The parts affected were my limbs below the knees. I tried all the physicians in the town and some in the surrounding towns, and I also tried all the patent remedies that I heard of, besides all the cures advised by old women and quacks, and found no relief whatever until I commenced using the Cuticura Soap, Cuticura Ointment, and Cuticura Resolvent. In the Cuticura Remedies I found immediate relief, and was soon sound and well. C. V. Beltz, Tippecanoe, Ind., Nov. 15, '05."

Depends on the Dogs.

Asa Goddard, of the American Automobile association, was recounting in Worcester some of his touring adventures.

"One summer morning," he said, "the approach of a great flock of sheep obliged me to pull off the narrow country road. I halted my car, and watched with interest the passage of the sheep, the intelligent dogs and the shepherd.

"I had a short talk with the shepherd about his odd and difficult trade. "Look here," I said, "what do you do, driving sheep like this on a narrow road, when you meet another flock coming in the opposite direction?"

"Well," said the shepherd, "ye just drive straight on, both of ye, and the one that has the best dogs gets the most sheep."

NEW HOMES IN THE WEST.

Send for free copy of pamphlet containing synopsis of the United States homestead laws and information how to secure a quarter section of splendid farming or grazing land free along the new railway lines of the Chicago & North-Western Ry. in South Dakota, Wyoming and other states. Special excursion rates to homeseekers. Full information on request to W. B. Kniskern, Passenger Traffic Manager, C. & N. W. Ry., Chicago.

Social Rank.

At a country dance in a southern town, when the fiddlers had resined their bows and taken their places on the platform, the floor manager rose.

"Got yo' partners for a cotillion!" he shouted, imperiously.

"All you ladies an' gemmen dat wears shoes an' stockings take yo' places in de middle ob de room. All you ladies an' gemmen dat wears shoes an' no stockings take yo' places immedjity behin' dem. An' you bare-footed crowd jest jig it run' in de corners."—Youth's Companion.

What Did She Mean?

Mrs. Armitage had a negro servant who continually prated of a certain Mrs. Reed for whom she formerly worked. Weary of hearing Mrs. Reed quoted so often, the mistress asked one day:

"Well, Samantha, what kind of work did you do at Mrs. Reed's, anyway?"

"Well, honey, I cooked foh huh, I did, an' I cleaned foh huh, an' swep' foh huh, an' I washed huh pussoneel appe'ance."—Lippincott's.

Evidently Frank Has a Cinch.

The following letter was picked up in the streets of Longmont the other day, says the San Francisco Call: "My Darling Frank: I swallowed the postage stamp that was on your last letter, because I knew that your lips had touched it, and, oh, Frank, I felt so happy afterward. Put two stamps on your next letter."

High Price for London Property.

London city churches when they come into the market fetch big prices. The building and site of the Church of St. Peter le Poer in Old Broad street have just been sold for \$480,000.

COFFEE AILS

Quit when you use

POSTUM

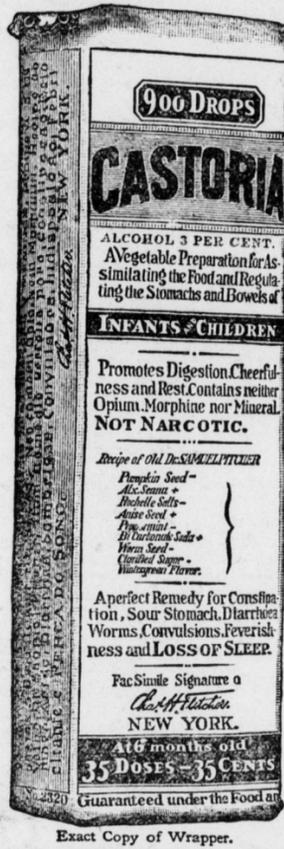
"THERE'S A REASON."

Read the little book, "The Road to Wellville," in 10 pages.

What is Castoria.

CASTORIA is a harmless substitute for Castor Oil, Paregoric, Drops and Soothing Syrups. It is pleasant. It contains neither Opium, Morphine nor other Narcotic substance. Its age is its guarantee. It destroys Worms and allays Feverishness. It cures Diarrhoea and Wind Colic. It relieves Teething Troubles, cures Constipation and Flatulency. It assimilates the Food, regulates the Stomach and Bowels, giving healthy and natural sleep. The children's Panacea—The Mother's Friend.

The Kind You Have Always Bought, and which has been in use for over 30 years, has borne the signature of Chas. H. Fletcher, and has been made under his personal supervision since its infancy. Allow no one to deceive you in this. All Counterfeits, Imitations and "Just-as-good" are but Experiments that trifle with and endanger the health of Infants and Children—Experience against Experiment.



Exact Copy of Wrapper.

Letters from Prominent Physicians addressed to Chas. H. Fletcher.

Dr. F. Gerald Blattner, of Buffalo, N. Y., says: "Your Castoria is good for children and I frequently prescribe it, always obtaining the desired results."

Dr. Gustave A. Eisengraeber, of St. Paul, Minn., says: "I have used your Castoria repeatedly in my practice with good results, and can recommend it as an excellent, mild and harmless remedy for children."

Dr. E. J. Dennis, of St. Louis, Mo., says: "I have used and prescribed your Castoria in my sanitarium and outside practice for a number of years and find it to be an excellent remedy for children."

Dr. S. A. Buchanan, of Philadelphia, Pa., says: "I have used your Castoria in the case of my own baby and find it pleasant to take, and have obtained excellent results from its use."

Dr. J. E. Simpson, of Chicago, Ill., says: "I have used your Castoria in cases of colic in children and have found it the best medicine of its kind on the market."

Dr. R. E. Eskildson, of Omaha, Neb., says: "I find your Castoria to be a standard family remedy. It is the best thing for infants and children I have ever known and I recommend it."

Dr. L. R. Robinson, of Kansas City, Mo., says: "Your Castoria certainly has merit. Is not its age, its continued use by mothers through all these years, and the many attempts to imitate it, sufficient recommendation? What can a physician add? Leave it to the mothers."

Dr. Edwin F. Pardee, of New York City, says: "For several years I have recommended your Castoria and shall always continue to do so, as it has invariably produced beneficial results."

Dr. N. B. Sizer, of Brooklyn, N. Y., says: "I object to what are called patent medicines, where maker alone knows what ingredients are put in them, but I know the formula of your Castoria and advise its use."

GENUINE CASTORIA ALWAYS Bears the Signature of

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If I could take you into my large factories at Brockton, Mass., and show you how carefully W. L. Douglas shoes are made, you would then understand why they hold their shape, fit better, wear longer and are of greater value than any other make.

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FOR SOLDIERS' HOMESTEAD RIGHTS. All soldiers who served ninety days or more in the federal army or navy between 1861-1865, and who made homestead entries for less than 160 acres on or before June 23, 1874, means that an additional right is due someone and that it can be sold to me for spot cash, no matter whether patent issued or not. If soldier is dead, his heirs are entitled. The right descends as follows: First, to the widow; and second, to the legal heirs, or next of kin. Talk to old soldiers, their widows, children, or next of kin, about this class of additional rights. Get busy right now and find some of your relatives who made homestead entries in early days. It is easy money. For further information address C. W. E. Moses, 50 California Building, Denver, Colo.

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