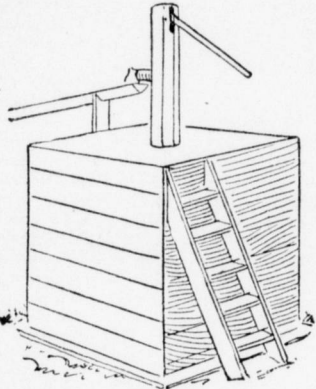




## FARM WATER SUPPLY.

**How to Run It from the Pump Right Into the Barn by Means of a Spout.**

Some pumps need only a little elevation to make it possible to run the water by a spout right into the barn, where the cattle can drink without being exposed to cold or storms. The cut shows a pump raised and the elevated platform boxed in, the interior being filled with hay to keep the pump from freezing. This is not a



## PUMPING WATER INTO THE BARN.

difficult job, and the results are often worth a great deal during a single winter even. The pump can be lowered again for summer use if desired, setting the elevated platform away for use again the following winter. Few realize what an immense amount of animal heat (and therefore feed and milk) is wasted when cows are turned out to a watering place on a cold day in winter. The animals come in shivering, their backs rounded up with the cold and every hair standing on end. It takes an hour at least before they feel comfortable again. Under such conditions the best results in dairying cannot be secured. Where water can be run into the barn in the way suggested, it will, on standing awhile, acquire the temperature of the barn, being then much more suitable for cows to drink, while the latter will also be saved the exposure to cold winds.—N. Y. Tribune.

## GOOD CROP TO RAISE.

**The Demand for White Beans Is Great and They Are Sure to Bring Good Prices This Year.**

Those who are in close touch with the market are expecting white beans to command high prices for a number of years to come. Stocks on hand are very much depleted, owing to a great falling off in production during recent years and an increased demand. For example, the Michigan crop for 1896 was 3,049,135 bushels, that of 1897 was 1,765,175 bushels, that of 1898 954,064 bushels and the 1899 crop was only 762,000 bushels. In California and New York, two states in which large areas of beans are grown, less than one-half of full crops were obtained last year, while in Canada and Europe the crop is light. With very light yields the world over, the United States and English governments have been buying very heavily for the army and navy. It is thus apparent that the supply must be quite limited, and several good crops must be secured before there is a normal surplus.

In view of these facts, it would seem as though beans would be a good crop to plant this coming season if good seed can be secured and one has suitable soil.—Rural World.

## Danger in Wire Fences.

In an article in the Journal of the Royal Agricultural Society on lightning and its effect on trees, Mr. Brodie calls the attention of English farmers to a point of great practical importance. In Britain and America the increasing adoption of wire fences has given rise to considerable damage to live stock from lightning. He quotes on this matter the director of the Iowa weather and crop service. "Unquestionably, wire fences, as now constructed, serve as death-traps to live stock, causing a vast amount of loss every year. And it is also quite evident that a considerable percentage of danger may be avoided by the use of ground wires at frequent intervals in the construction of wire fences."

## Quality of Seed Corn.

The yield of corn is dependent in no small degree on the quality of the seed, which should be selected before the corn is cut, having regard to the size and character of the stalk as well as to the ripeness and type of the ear. When the season is especially favorable for thoroughly maturing the ears, enough seed to last at least two years should be gathered, completely dried out before frost and stored in a warm, dry place. A difference of two per cent. in the yield of dry matter on two adjacent acres was noted in favor of the crop grown from well-ripened seed over the yield from seed grown in a wet, cold season.—Clinton D. Smith, in Farmers' Review.

Apple and potato parings are greatly relished, and help in getting a horse in fine condition. When you begin to feed also begin to exercise.

Always give carrots in the spring—if you have none, see that you do not make the same mistake this year.

## TO EXPLORE THE WORLD.

**Important Expeditions to be Sent Out by the University of California.**

President Wheeler has announced to the regents of the University of California that experts of acknowledged repute have been engaged to make excavations and explorations in parts of the world rich with relics of ancient learning. The entire expense of the work will be borne by Mrs. Phoebe A. Hearst.

In Egypt Dr. George A. Reisner will have charge of the explorations. Dr. Uhle will pursue investigations in South America and Yucatan. California, New Mexico and Mexico will be searched for specimens by Dr. Phillip Mills Jones.

Dr. Alfred Emerson, recently professor in the Athens school of archaeology, is now on his way to California to co-operate with Mrs. Hearst in regard to the work in Greece and Etruria. The materials collected by the scientists will be placed in the archaeological museum to be established at Berkeley.

## Birds of Passage.

"No, I do not make friends as easily as I used to with my fellow travelers," said the man who was relating European experiences. "It is not because I feel less sociably inclined, but because of the cold setback I received at Gibraltar. In the hotel office one morning I entered into conversation with an Englishman and woman who seemed to me to be the right sort. They did not meet my friendly overtures with the usual 'Oh!' and an English stare. On the contrary, they seemed anxious to become acquainted with me, and soon we were chatting pleasantly. I congratulated myself upon my good fortune in falling in with such agreeable people, who were almost nice enough to be Americans. We discussed Gibraltar and were just planning a sight-seeing expedition for the following day when one of the hotel waiters thrust his head in the doorway and said: 'The missus wants the both of yez.' My new-found friends were the maid and man servant of the duchess of Cleveland, Lord Rosebery's mother."—Detroit Free Press.

## To California Quickly and Comfortably.

Via Chicago, Union Pacific and North-Western Lines. "The Overland Limited" leaves Chicago daily 6:30 P. M., arrives San Francisco the afternoon of third day, and Los Angeles next morning. No change of cars. All meals in dining cars. Buffet, smoking and library cars, with barber. "The best of everything." "The Pacific Express" leaves Chicago daily 10:30 P. M., with first-class and through tourist sleepers to California. Personally conducted excursions every Thursday. All agents sell tickets via Chicago & North-Western R'y. For full information and illustrated pamphlet apply to W. B. Kniskern, 22 Fifth ave., Chicago, Ill.

"I shall never be able to find another husband like dear John," said the widow. "I replied the persistent suitor. 'But wouldn't you like an entirely different one, just by way of contrast?'"—Philadelphia North American.

## You Can Get Allen's Foot-Ease FREE.

Write to-day to Allen S. Olmsted, Leroy, N. Y., for a FREE sample of Allen's Foot-Ease, a powder to shake into your shoes. It cures chilblains, sweating, damp, swollen, itching feet. It makes new or tight shoes easy. A certain cure for Corns and Bunions. All druggists and shoemakers sell it. 25c.

After a man does a clever thing, he usually talks about it too much.—Atchison Globe.

**Coughing Leads to Consumption.**  
Kemp's Balsam will stop the cough at once. Go to your druggist to-day and get a sample bottle free. Large bottles 25 and 50 cents. Go at once; delays are dangerous.

"Ella—I am carried away by Tennyson's poems." Stella—"I am sorry we haven't a copy in the house."—Town Topics.

Piso's Cure cured me of a Throat and Lung trouble of three years' standing.—E. Cady, Huntington, Ind., Nov. 12, 1894.

The man who turns from evil companions does himself a good turn.—Chicago Daily News.

How My Throat Hurts!—Why don't you use Hale's Honey of Horehound and Tar? Pike's Toothache Drops Cure in one minute.

Is it proper to call one's brain his notion department?—L. A. W. Bulletin.

We have no earnest, persistent, enemies but ourselves.—L. A. W. Bulletin.

Too many people are contented with the hire life.—Chicago Democrat.

Mrs. Murphy—"Oh say, Pat, what would ye do if the old house would tumble on ye and crush ye to death." Her husband—"Faith, an' 'O'd fly for me loife."—Ohio State Journal.

A Little Boy's Reflection.—Little Johnny thinks that a bed is a curious thing. He says he is sent to it for punishment, and it is punishment when he is made to get out of it.—Boston Transcript.

In making promises it is well to remember that they are likely to be interpreted to mean the utmost the words allow, and something more. Cautious words will save trouble.—United Presbyterian.

Thorne—"Is Dobbs of a peaceable disposition?" Bramble—"He lived in a boarding-house for three years without kicking."—N. Y. Journal.

First Sufferer—"I'm going to change my boarding place. The beefsteak is always burnt to a cinder." Second Doctor—"Come up to ours—it's rare enough there."—Philadelphia Press.

"Hash," said the man who eats his meals at home, "furnishes us with an example of an end without means." "Yes," said the boarding-house man, "but at my place it is mean and without end."—Indianapolis News.

It is truly a mysterious providence which orders the man who is expected above all others to administer a woman's millinery, to be also the man who is expected to pay for it.—Detroit Journal.

Dismal Dawson—"I don't often brag about it, but my ancestors kin be traced back to the first American settlers." Hungry Higgins—"I ain't never looked the thing up, but I wouldn't be s'prised if I could trace mine back to old Joner."—Indianapolis Press.

## HE WAS AGREEABLE.

**Would Let the Old Uncle Shoot if He Found Him in Such a Position.**

This young fellow is engaged to a pretty Detroit girl, but they don't care to publish the bans until after Lent. This disturbs an irascible old uncle of hers, who has a daughter of his own, too much after his own style to be a favorite. He took it upon himself to send for the young man the other day.

"Are you going to marry that niece of mine?" he asked, sternly, when they were alone in the inner office.

"Fardon me, sir, but I must decline to answer. She has a father and a mother, and I'm on good terms with them. I fail to see that it is your affair."

"There's a whole lot that you fail to see, young man. I'm really the head of our family, and I'll not shrink my duty. Her parents are a couple of chumps. Are you or are you not engaged?"

"You force me to say, sir, that it is none of your infernal business and that you are just what I heard you were, a sour, cross-grained old fellow."

"See here, sonny, I'll not bandy words with the likes of you, but if you had been going with my daughter as long as you have my niece, I wouldn't do a thing but put a revolver to your head, informing you that if you didn't marry her I'd shoot."—Detroit Free Press.

## WHAT THEY REALLY SAY.

**Husband and Wife at the Theater Who Appear to be Engaged in Conversation.**

A man and wife enter the theater. As soon as they are seated and she digs around for the hat pins and removes her hat they look at each other smilingly and seem, to onlookers, to be carrying on an animated conversation. Here's what they're really saying:

Husband—Your hair's crushed and plastered down in front like a dago barber's. Can't you give it a swipe that'll—

Wife—Unreasonable thing! How can you expect me to have my hair all fluffy and nice as soon as I take off a heavy tореador that I wear down over my—

"Well, give it a couple of dabs, anyhow. Looks now as if you'd been making a high dive off a—"

"There—now does it suit your lordlordship?"

"Oh, well, it isn't as dinky as it was. What's become of that—that-you-call-it—that rat thing you got to put under your front hair awhile ago? That made it stick up some, anyhow, and—"

"The dog ate it up, and it was too warm, anyway. My, what a frightful haircut your barber gave you to-day! Makes you look like a Russian moujik! Don't you think you'd better change your barber?" etc.—Washington Post.

## An Overworked Bird.

Dorothy—Our Audubon club had a lovely meeting this afternoon.

Papa—What did you do, dear?

"Oh, we passed an enthusiastic resolution appointing a committee to take immediate steps—right off, you know—for the protection of the cuckoo."

"The cuckoo?"

"Yes, papa; in the cuckoo clock, you know."—Detroit Free Press.

## MARCH AND APRIL.

**Are the Most Disagreeable Months of the Year in the North.**

In the South, they are the pleasantest and most agreeable. The trees and shrubs put forth their buds and flowers; early vegetables and fruits are ready for eating, and in fact all nature seems to have awakened from its winter sleep. The Louisville & Nashville Railroad Company reaches the Garden Spots of the South, and will on the first and third Tuesdays of March and April sell round trip tickets to all principal points in Tennessee, Alabama, Georgia and West Florida, at about half rates. Write for particulars of excursions to P. Sid Jones, D.P.A., in charge of excursions, Birmingham, Ala., or Jackson Smith, D. P. A., Cincinnati, O.

Necessity is said to be the mother of invention, but is not oftentimes invention the mother of necessity? Most inventions go broke.—Boston Transcript.

## Ghost of the Glacier.

And Other Tales, including Making a Revolution, Susquehanna Trail, Sculpture of the Elfs, Once a Pillar of the World, Feathers of Fashion, and others. A delightful volume, beautifully illustrated. Ready for distribution about May 1. Send 10 cents to T. W. Lee, General Passenger Agent Lackawanna Railroad, 26 Exchange Place, New York City. Edition Limited.

## Evidence of a Bill.

"A man with a bill!" announced the court chamberlain.  
"The king was visibly startled."  
"He must be a bird!" exclaimed his majesty, thinking of the rigorous measures he had taken to prevent creditors approaching the royal person.—Detroit Journal.

## The Million Dollar Potato.

It's marvellous. Salzer's catalog tells, so also about Rape for cattle, sheep and swine. Costs 25c. a ton to grow. Send 5c. and this notice, to-day, to John A. Salzer Seed Co., La Crosse, Wis., for his big catalog. [k]

## Good Engagement.

First Veteran Actor—Well, how goes it? Good engagement, I suppose—good pay?

Second Veteran Actor—Well, old friend, you know how these things are. Salary, properly speaking, I don't get, but I eat the whole of an enormous beefsteak in the second act.—N. Y. World.

PUTNAM FADELESS DYES produce the fastest and brightest colors of any known dye stuff. Sold by all druggists.

It is said that care will kill a cat; but if a man doesn't care very much he will probably find a bootjack or a gun just as effective.—Chicago Daily News.

**To Cure a Cold in One Day**  
Take Laxative Bromo Quinine Tablets. All druggists refund money if it fails to cure. 25c.

Fortune favors those who work as if they expected to succeed without it.—Chicago Daily News.

## Lane's Family Medicine.

Moves the bowels each day. In order to be healthy this is necessary. Cures gently on the liver and kidney animal glands. Alabastine is not a kalsomine. It is a rock-base cement, which sets, and it hardens without being exposed to heat and is not decolorated without having been used and scraped off its old coats. Alabastine is utilized to a great extent in hospitals, as it prevents the accumulation of dirt and the congregating of disease germs, being disinfectant in its nature.

It takes two to quarrel; but some folks don't see that a man much trouble finding the other one.—Pack

# PERUNA PROTECTS OUR HOMES.



**The Roberts Family, of Falls City, Neb., Are Healthy and Happy—A Rare Sight in These Days. They Say, "We Think Peruna Is the Greatest Medicine On Earth."**

No man is better known in the State of Nebraska than Mr. Carl T. Roberts, contractor and mason. A typical American—active, shrewd and full of business sagacity. He is not only a provider for his family, but a protector. In a recent letter to Dr. Hartman he writes, among other things, as follows:

Hon. William Youngblood, Auditor for the Interior writes from Washington, D. C., to Dr. Hartman, Columbus, Ohio, as follows: "I've often heard of your great medicine and have persuaded my wife, who has been much of a sufferer from catarrh, to try Peruna, and after using one bottle she has wonderfully improved. It has proved all you have claimed for it, and I take pleasure in recommending it to anyone who is afflicted with catarrh." Peruna has become indispensable.

"Our boy, James, had the membranous croup, and repeated attacks of lung fever. Our boy, Charlie, was also subject to repeated attacks of pneumonia and pleurisy. Our third boy, John, was subject to fever and ague (malaria) and liver trouble. Your remedy, Peruna, cured my boys entirely, and now I have three of the healthiest boys in the State of Nebraska, which I attribute to your medicine. My wife had a stomach trouble which Peruna also cured. Altogether for my whole family we have used nineteen bottles of Peruna, and have thus saved \$500 in doctors' bills. I am a contractor and mason by trade and am known all over Nebraska. I have had a stomach trouble which has been greatly relieved by your remedy, Peruna, for which I am still taking it. We think it is the greatest medicine on earth." C. T. Roberts, Falls City, Nebraska.

Hon. William Youngblood, Auditor for the Interior writes from Washington, D. C., to Dr. Hartman, Columbus, Ohio, as follows: "I've often heard of your great medicine and have persuaded my wife, who has been much of a sufferer from catarrh, to try Peruna, and after using one bottle she has wonderfully improved. It has proved all you have claimed for it, and I take pleasure in recommending it to anyone who is afflicted with catarrh." Peruna has become indispensable.

Mr. T. G. Walker, Carneiro, Kansas, writes: "It is with pleasure that I report that I am better than I have been for many years. I believe Peruna is without a doubt the best medicine that ever was used in a family. It has cured my nervousness, with which I have been afflicted for a great number of years."

It is a fact of ever-increasing astonishment that so many otherwise sensible and provident people will, for the neglect of so simple a precaution as to have a bottle of Peruna at hand, bring upon themselves the needless suffering and foolish expense that a practitioner of medicine is forced to witness every day.

As soon as the value of Peruna is fully appreciated by every household, both as a preventive and cure of these affections, tens of thousands of lives will be saved, and hundreds of thousands of chronic, lingering cases of disease prevented. Peruna is the household safeguard.

A complete work on chronic catarrh sent free to any address by the Peruna Medicine Company, Columbus, Ohio.

Every shop, factory and family should always have  
**Palmer's Lotion**  
on hand; for wounds, bruises, stings of insects,  
**BURNS,**  
&c., are sure to happen. See large circular.  
Use **Lotion Soap**  
at all times. At Druggists only.

**DO YOU COUGH**  
DON'T DELAY TAKE  
**KEMP'S BALSAM**  
THE BEST COUGH CURE

It Cures Coughs, Croup, Sore Throat, Influenza, Whooping Cough, Bronchitis and Asthma. A certain cure for Consumption in first stages, and a sure relief in advanced stages. Use at once. You will see the excellent effect by taking the first dose. Sold by dealers everywhere. Price, 25 and 50 cents per bottle.

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**LA GRIPPE AND CATARRH**  
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If you take up your home in Western Canada the land of plenty illustration of the experience of farmers who have become wealthy in growing wheat, raising stock of delegates, etc. and full information as to reduced railway rates can be had on application to the Superintendent of Immigration, Department of Interior, Ottawa, Canada, or address the undersigned who will mail you atlases, pamphlets, etc. free of cost. F. FEENEY, Sup't of Immigration, Ottawa, Canada; or to M. V. McINNIS, No. 2 Merrill Bldg., Detroit, Mich.; D. L. CAVEN, Columbus, Ohio.

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To successfully introduce our new Cigars in every County, reliable persons (either sex), furnished FREE a handsome Musical Box, 1000 Tunes. This captivating instrument plays AUTO-MATICALLY 1,000 different tunes. Senders to get out of your throat. One packet of **DR. FLEMING'S OWN CATARRH SYRUP** CURE will get you right with yourself and the rest of the world. Sold in 50c and \$1 packets. Send for our Premium offer, and a sample box of our Cigars. EAGLE MFG. CO., 21 John Street, New York.

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**WHAT ALABASTINE IS.**  
Alabastine is the original and only durable wall coating on the market. It is entirely different from all kalsomine preparations. Alabastine is made ready for use in white or fourteen beautiful tints by the addition of cold water. It is put up in dry powdered form, in packages, properly labeled, with full directions on every package. It takes the place of sealing kalsomines, wall paper and paint for walls. Alabastine can be used on plaster, brick, wood or canvas, and a child can brush it on.

**WHAT "KALSOMINES" ARE.**  
Kalsomines are cheap and temporary preparation, manufactured from whitening, chalks, clays, etc. They are stuck on the wall with decaying animal glue. Alabastine is not a kalsomine. It is a rock-base cement, which sets, and it hardens without being exposed to heat and is not decolorated without having been used and scraped off its old coats. Alabastine is utilized to a great extent in hospitals, as it prevents the accumulation of dirt and the congregating of disease germs, being disinfectant in its nature.

**CHURCHES AND SCHOOLS HOUSES.**  
The interior walls of churches, school-houses and all public halls should be coated with anything but the durable and pure Alabastine. So evident has this fact become, that hundreds of tons are used annually for this work. The genuine Alabastine does not rub or scale off. It is clearly during the long period of its usefulness. Every owner of a building should use it. Ask your paint dealer or druggist for card of tints, and write for free copy of our interesting booklet to Alabastine Co., Grand Rapids, Mich.

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The dealer who tells you that he can sell you the "same thing" as Alabastine or "something just as good," either is not posted or is trying to deceive you. In offering something he has bought cheap and is trying to sell on Alabastine's demands, he may not realize the danger to himself as well as to you. Beware of all new substitutes. Dealers risk a suit for damages by selling and consumers by using an infringement. Alabastine Co. own the right to make and sell wall coatings adapted to mix with cold water.

**WHY BE MISERABLE**  
with disgusting stuff constantly falling from your nostrils into your throat? One packet of **DR. FLEMING'S OWN CATARRH SYRUP** CURE will get you right with yourself and the rest of the world. Sold in 50c and \$1 packets. Send for our Premium offer, and a sample box of our Cigars. EAGLE MFG. CO., 21 John Street, New York.

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