



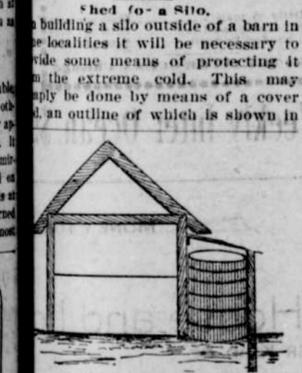
**Cultivator Follower.**  
Cultivating the growing crops is highly conducive to growth, but in times of dry weather there is an enormous evaporation from the soil that has just been stirred by the broad teeth of a cultivator, the land being left in loose ridges, one advocate hanging a board behind to drag the surface of the earth over smooth. This has a tendency to crack the surface, which is not desirable.



**FOLLOWER FOR THE CULTIVATOR.**  
Hang the board as shown in the illustration and insert in the lower edge a row of forty-penny wire nails, removing the board and level, but loose, so that the sun and shade can enter, while at night the moisture-laden air will enter, and moisture will condense as it is cooled by the ground, and so will remain in the soil.—Orange Judd Farmer.

**Fair Farmers.**  
Well, why shouldn't farmers' girls be agriculturists? Is there any good reason why the State should provide the education of the farmers' boys and allow the girls to get their training wherever they can? Wouldn't it be a good thing to introduce coeducation at agricultural colleges? These questions may have been raised before now, but we do not think they have been adequately discussed. Perhaps there has not been sufficient demand on the part of the country girls for an agricultural education. It may be that they are too desirous to leave the farm to go to work on the farm.

**Shed to a Silo.**  
A building a silo outside of a barn in the localities it will be necessary to provide some means of protecting it from the extreme cold. This may be done by means of a cover, an outline of which is shown in the illustration.



**COVER SHED FOR SILO.**  
The space between its walls and the walls of the silo could be filled with straw or leaves, and thus be made to serve a double purpose, furnishing a room and also protecting the silo.

**White Clover for Pasture.**  
One of the advantages of rough land is that as it cannot often be sown over very thoroughly, the surface soil is pretty sure to be covered with white clover seed. It is natural to such land, which is that it has so long occupied the land that there is plenty of seed to grow wherever it has a fair chance. It is an excellent pasture grass, as its roots run to the surface and quickly respond to light rains, which will not rot other grasses. It is greatly helped by dressing of gypsum. On long-cultured ground, especially where no clover has been thickly seeded, there is a little white clover visible. But there it is often ready when it has the chance.

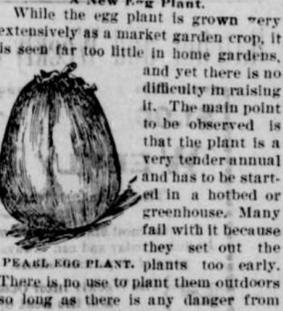
**Sweet Corn for Feeding.**  
There are a good many farmers who grow sweet corn for market who do not grow any other kind, because they only small places, if the two are grown, there will be more or mixed grains in the ears. What they cannot sell green they grind and feed to stock. The sweet corn dries harder than the corn whose starch is starch rather than sugar. It is much lighter than the field corn and its surplus of water has dried out. Sweet corn ground with the cob makes a meal that cattle and horses very fond of when fed with cut corn meal, more must be fed to

secure the same results. It is not more nutritious than common corn meal, if it is so, but it may be used sometimes to tempt the appetite of an animal that has been cloyed and thus restore digestion to its normal activity.

**Horse Hints.**  
Being gentle with a horse will help him to be gentle.  
Keep the colt fat and he will make an easy-going horse.  
Sore on horses' shoulders are largely the result of ill-fitting collars.  
An excess of food weakens a working animal and disables it from work.  
If young teams are overloaded they are apt to become discouraged or vicious.  
Take the horse to the harness shop and see that a collar fits him before you buy it.  
Blood, food, care and training are the essentials necessary for producing a first-class horse.  
To a very considerable extent the most costly farming is that done with poor teams.  
There are few diseases to which horses are subject but are easier prevented than cured.  
Good grooming does not only add to the animal's comfort, but to its healthfulness as well.  
When the horse is brought in from work he should be given a good drink; if too warm to drink he is too warm to eat.  
Feeding a little wheat bran with the other grain will help to make the horse's hair sleek and glossy.  
The best farm horse is the one with a kind and tractable disposition, well broken and serviceable.  
The farmers will always be poor who continue to raise \$50 horses at an expense of \$100.  
The feed and care necessary to raise a poor horse costs as much in every way as it does for one of the best.  
A horse needs exercise every day to keep his system properly regulated and make his hair to be bright and sleek.

**A New Egg Plant.**  
While the egg plant is grown very extensively as a market garden crop, it is seen far too little in home gardens, and yet there is no difficulty in raising it. The main point to be observed is that the plant is a very tender annual and has to be started in a hotbed or greenhouse. Many fall with it because they set out the PEASLEGG PLANT plants too early. There is no use to plant them outdoors so long as there is any danger from frost or even so long as the nights are very cool, although actual frost does not occur. One-half dozen plants will be sufficient for a moderate sized family. Where potted plants can be procured from the florist or plant grower, they are far preferable to those taken up direct from the seed bed. Until recently there has been but very little choice in varieties, the New York Improved Purple having been almost the only variety raised, but now there comes the "Pearl," a white-fruited egg plant equal in size and quality to the New York Improved. The plant is stated to be remarkably productive and the fruit of the finest quality, either baked or fried.—American Agriculturist.

**Prunes Are Profitable.**  
There ought to be much more extensive planting of the German prune. We found it, years ago the most paying fruit we could grow. It was always in good demand and at better prices than plums. The prune is also a surer bearer than the plum, unless we may except some of the new Japanese varieties. Yet, though the prune may be grown nearly everywhere, it has been planted so sparingly in the East that a large part of our supply of dried prunes comes from the Pacific coast States, where its cultivation, to market 3,000 miles east, has been found very profitable.—American Cultivator.



**Rye Exports.**  
While rye is always prone to follow wheat in its fluctuations, the price has been at a much greater discount than an average, one year with another. To this must be accorded the sharp increase in the export business, which amounted to nearly 6,000,000 bushels during the past nine months compared with only 333,000 bushels the same period a year earlier. Were there any adequate outlet, however, we could spare much more of our annual crop, which approximates 30,000,000 bushels. It is here seen that low prices help rye exports.

**Farm Notes.**  
Changing pasturage maintains better cultivation.  
Cultivate thoroughly whether the weeds grow or not.  
It is mistaken economy not to feed young, growing pigs well.  
A supply of salt should be kept where the stock can help themselves.  
Keep the teams in a good condition by feeding and grooming regularly.  
An animal must have a good appetite if you expect stamina and constitution.  
The stables in which the teams are kept should be well ventilated, free from flies, and also kept free from foul odors.  
When you once make a stunted animal you can never make the same animal you could had generous feed been given.  
During the summer, with stocks in the pastures especially, rock salt is the easiest and most economical way of supply.  
During the summer especially, sawdust is one of the best materials that can be used for bedding for the stock in the stables.—Farmers' Union.

**A Woman Talks on Women's Ws.**

The Sex Shuns Publicity on Their Own Weaknesses From Sense of False Modesty

From the Times, Los Angeles, Cal.  
Women suffer from certain diseases peculiar to their sex and usually have great delicacy in speaking of such ills. Just why, we cannot say. There would seem to be no more reason for silence in such matters than there is about the ordinary every day ills. Occasionally, however, a woman of strong sense is found, and is an exception to the rule. Such a one is Mrs. Rosie S. Thompson, of 319 East First street, Los Angeles, Cal. This is what she says:

"For five or six years I was seriously ill with female complaint. I could not go about, I suffered intense pain, and at times I was hardly able to raise myself up in bed. I was then living in San Bernardino and I consulted a physician who thought he could cure me. For seven months I was under his care taking his prescriptions, but he did me no good at all, and I grew worse instead of better. Finally I tried another physician and I was under his care for several months, but he did me no more good than the first one. I tried all sorts of remedies without any beneficial effects.

"Finally I saw an advertisement of Dr. Williams' Pink Pills for Pale People, and I resolved to try them. I began taking the pills. The effect was wonderful. Almost immediately I began to improve. I have taken these pills now for six or seven months and I am entirely cured. I had previously tried every sort of remedy that I could think of, besides consulting many doctors, and nothing helped me until I took these pills. They are the best remedy I ever used, and the only one I would recommend. I am now as well as I ever was in my life and have had no return of my complaint.

"I make this statement voluntarily and in the hope that it may lead others now suffering as I suffered to try these pills.

"This statement is given solely with a view to helping others and directing their attention to the greatest medical discovery of the age—Dr. Williams' Pink Pills for Pale People."  
(Signed)  
Mrs. Rosie S. Thompson,  
319 East First street,  
Los Angeles, Cal.

Notary Public in and for Los Angeles county, State of California.  
Dr. Williams' Pink Pills contain, in a condensed form, all the elements necessary to give new life and richness to the blood and restore shattered nerves. They are an unfailing specific for such diseases as locomotor ataxia, partial paralysis, St. Vitus' dance, sciatica, neuralgia, rheumatism, nervous headache, the after effect of la grippe, palpitation of the heart, pale and sallow complexions, all forms of weakness either in male or female. Pink Pills are sold by all dealers, or will be sent post paid on receipt of price, 50 cents a box, or six boxes for \$2.50—they are never sold in bulk or by the 100—by addressing Dr. Williams' Medicine Company, Schenectady, N. Y.

Piso's Cure for Consumption has been a God-send to me.—Wm. B. McClellan, Chester, Florida, Sept. 17, 1895.

It rains on an average 208 days in the year in Ireland, about 150 in England, at Kozan about ninety days and in Siberia only sixty days.

**DRUNKARDS CAN BE SAVED**  
The craving for drink is a disease, a marvelous cure for which has been discovered called "Anti-Jag," which makes the inebriate lose all taste for strong drink without knowing why, as it can be given secretly in tea, coffee, soup and the like. If "Anti-Jag" is not kept by your druggist send one dollar to the Renova Chemical Co., 56 Broadway, New York, and it will be sent postpaid, in plain wrapper, with full directions how to give secretly. Information mailed free.

**Montreal's Big Electric Plant.**  
It is reported from Montreal that Queen Victoria has been asked, through Lord Aberdeen, and her consent is expected, to touch a button in London and thus start the big electric works of the Lachine Hydraulic and Land Company, which is to supply 100,000 horsepower of electric current to Montreal. Eighty miles of conduits have been laid, and arrangements have been completed with the Commercial Cable Company for the event. This is the largest electric installation in the British dominions.

**HOME PRODUCTS AND PURE FOOD.**  
All Eastern Syrup, so-called, usually very light colored and of heavy body, is made from glucose. "Tea Garden Drops" is made from Sugar Cane and is strictly pure. It is for sale by first-class grocers, in cans only. Manufactured by the PACIFIC COAST SYRUP CO. All genuine "Tea Garden Drops" have the manufacturer's name lithographed on every can.

In Connecticut there is hardly a farmer who does not raise tobacco.

**WHEAT**  
Makes money by successful speculation in Chicago. We buy and sell wheat there on margin beginning by trading in futures. Write for full particulars. Best of reference given. Several years' experience on the Chicago Board of Trade, and a thorough knowledge of the business. Downing, Hopkins & Co., Chicago Board of Trade Brokers. Offices in Portland, Oregon, Spokane and Seattle, Wash.

**VIGOR OF MEN**  
Easily, Quickly, Permanently Restored  
Weakness, Nervousness, Debility,  
and all the train of evils from early errors or excesses; the results of overwork, sedentary life, etc. Full strength, development and tone given to every organ and portion of the body. Simple, natural methods. Immediate improvement seen. Failure causes no charge. 3,000 references. Book, explanation and proofs mailed free.

**ERIE MEDICAL CO., 68 NIAGARA ST., BUFFALO, N. Y.**  
PUPTURE and PILES cured; no pay until cured—send for book. Drs. MANNING & FORTERFIELD, 328 Market St., San Francisco.

**VICTORIA'S DIAMOND JUBILEE.**

Interesting Celebration to Be Held in Portland Oregon

The committee of arrangements for the Queen's Diamond Jubilee have everything, excepting the finishing touches, concluded for a fine celebration in Portland, Oregon. This will be commenced on Sunday afternoon, the 20th of June, at 3:30, being the anniversary on which her majesty, Queen Victoria, began her long reign, with a full choral service at Trinity Episcopal church, under the immediate charge of the Rev. John E. Simpson, but the Bishop of Oregon and other clergy will also be present and take part in the services. This service is the more interesting, as similar ones will be held all around the world, commencing with the colonies of New Zealand and Australia, thence to South Africa, and so on westward, until coming back across the Atlantic the city of St. John's, Newfoundland, will take it up, and send it on across the continent till reaching the Pacific ocean it will be sent back to the place of beginning. Every service will commence at 3:30 with the magnificent "Old Hundred," and promptly at 4 o'clock the service will be brought to a temporary stop, when the congregation will join in singing "God Save the Queen." The service will be printed on slips (one of the committee has generously offered to donate these) so that everyone will be enabled to join in the service, and it is expected that a great number will be present. The collection will be taken for the benefit of the hospital fund, which is being gotten up by the British-born residents of the state of Oregon, for the endowment of a bed in the Good Samaritan hospital. The choir of Trinity church are now practicing the special hymns and the service under the very able direction of Mr. Lighter, the organist, who has kindly given his services for the occasion.

On Monday evening, June 21, there will be a grand promenade concert and ball at the Armory, at which will be given songs and music of the various British countries (English, Irish, Scotch and Welsh) by the very best local artists, who in several instances will appear in the old-fashioned native costume, such as the pretty dress of the Welshwoman with short skirts, red cloak, and the tall sugar-loaf hat. The Armory will be splendidly decorated with flags, etc., and in this connection it may be said that the secretary of the treasury, through Collector Black, has given instructions that flags for this purpose may be brought in from Victoria, B. C., free of duty, the same to be returned to Victoria. The band of the First regiment will play their best selections, which are always enjoyable. In addition to the music the ladies will have booths, representing the different divisions of the United Kingdom and colonies, at which refreshments, ice cream, badges, etc., will be sold, and these booths will be decked out in the flags and emblems of the part of the country they represent. A large number of tickets have already been sold by the various members of the committee, and from this it is easy to judge that a very great number of people will be there. The proceeds of the concert are also for the benefit of the hospital fund, and the committee especially desire that every British-born resident will go to that concert. The price of tickets has been put at 25 cents each, with children free when with their friends. This was done for the express purpose of allowing every British-born resident, however humble his station, to attend, and thereby take some part in a celebration that is not likely to occur again in their lives. While of course the concert is especially for the British-born residents, this does not mean that their American friends are not to come, as if they do they will be most heartily welcomed, and at the same time be sure of a most enjoyable entertainment.

On Tuesday evening, June 22, the celebration will be brought to a close by a banquet at the Portland hotel, which Mr. Bowers promises will surpass anything that has ever been held in that famous place for such entertainments. The menu cards are works of art, and will be treasured as souvenirs of the occasion. The dinner will commence promptly at 8:30, and after the material part has been disposed of speeches will be given by the best speakers in the city and state, including the governor and others equally well-known.

The committee appeals to all British-born residents in the state of Oregon to subscribe to the endowment of the hospital bed. This is not a city affair, but is known all over the state of Oregon as one of the most charitable institutions, where no one is ever refused, and no more worthy object could be found with which to celebrate the reign of one of the best and kindest of monarchs, than by giving something for the sick and needy. If you cannot give dollars do your best, and if any wish to subscribe so much a month for two or three years can make their payments in that way. Any of the committee will be pleased to acknowledge the receipt of any money sent them, or it can be sent to Mr. W. R. McKenzie, the secretary, Worcester block, Portland. The committee request that all non-residents, who intend being present at the banquet send in their names at once.

**Farmers' Taxes in Turkey.**  
A farmer's taxes in Turkey are classified thus: (1) one-tenth of all crops and fruits; (2) 4 per cent of the renting value of house and lands; (3) 5 per cent on every transfer; (4) an annual cattle tax of 33 pence on every sheep and 21 pence on every goat. The taxes are rigorously collected.

In France the doctor's claim on the estate of a deceased patient has precedence on all others.

**A WHEEL OF MIST**

Rising at morning or evening from some lowland, often carries in its folds the seeds of malaria. Where malarial fever prevails no one is safe, unless protected by some efficient medicinal safeguard. Hoste's Stomach Bitters is both a protection and a remedy. No person who inhales, or sojourns in a malarial region or country, should omit to procure this fortifying agent, which is also the finest known remedy for dyspepsia, constipation, kidney trouble and rheumatism.

In Lexington, Ky., there is a club, the youngest member of which is 80 years old. All the others are over 90.

**AN EXCELLENT SCHOOL.**  
Holt's School at Burlingame, Cal., deserves its high reputation for excellence. It is unquestionably one of the best schools for boys on the Western coast.—San Francisco Call.

Two cows, two pigs, eighteen hens, a grayhound pup and a bull were given to an agent by an Abilene (Kan.) farmer for a cabinet organ.

**Beware of Ointments for Catarrh That Contain Mercury.**  
As mercury will surely destroy the sense of smell and completely derange the whole system when entering it through the mucous surfaces. Such articles should never be used except on prescriptions from reputable physicians, as the damage they will do is tenfold to the good you can possibly derive from them. Hall's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, O., contains no mercury and is taken internally, acting directly upon the blood and mucous surfaces of the system. In buying Hall's Catarrh Cure be sure you get the genuine. It is taken internally, and made in Toledo, O., by F. J. Cheney & Co. Testimonials free. Sold by Druggists, price 75c per bottle. Hall's Family Pills are the best.

A new nail making machine produces as many nails in a given time as were formerly made by 1,000 men.

**Railroad Trainmen**  
are especially liable to kidney disease, caused by the constant jolting and nervous strain to which they are subjected.

**Warrant's Safe Cure**  
restores the kidneys to healthy action. Here is one of many testimonials on this point:  
M. Nevin, 154 North Curtis Street, Chicago, Ill., says:  
"I am an engineer on the Chicago and Northwestern Railroad, and have run an engine for the past two years. The constant jolting brought on kidney trouble. I tried various remedies, but not until I began the use of Warrant's Safe Cure and Warrant's Safe Pills, was I cured. In my opinion it is the best remedy in existence for men employed on railroads, and no remedy can equal it."  
Warrant's Safe Cure is sold in large or small size small bottles, by all druggists.

**BASE BALL GOODS Special Rates TO CLUBS.**  
We carry the most complete line of Gymnasium and Athletic Goods on the Coast. SUITS AND UNIFORMS MADE TO ORDER. Send for Our Athletic Catalogue.

**WILL & FINCK CO.,**  
818-20 Market St., San Francisco, Cal.

**AN OPEN LETTER TO MOTHERS.**  
WE ARE ASSERTING IN THE COURTS OUR RIGHT TO THE EXCLUSIVE USE OF THE WORD "CASTORIA," AND "PITCHER'S CASTORIA," AS OUR TRADE MARK.

**I, DR. SAMUEL PITCHER, of Hyannis, Massachusetts,** was the originator of "PITCHER'S CASTORIA," the same that has borne and does now bear the fac-simile signature of *Chas. H. Pitcher* on every wrapper. This is the original "PITCHER'S CASTORIA," which has been used in the homes of the mothers of America for over thirty years. LOOK CAREFULLY at the wrapper and see that it is the kind you have always bought on the and has the signature of *Chas. H. Pitcher* wrapper. No one has authority from me to use my name except The Centaur Company of which Chas. H. Pitcher is President.

March 8, 1897. *Samuel Pitcher, M.D.*

**Do Not Be Deceived.**  
Do not endanger the life of your child by accepting a cheap substitute which some druggist may offer you (because he makes a few more pennies on it), the ingredients of which even he does not know.

**"The Kind You Have Always Bought"**  
BEARS THE FAC-SIMILE SIGNATURE OF

*Chas. H. Pitcher*  
Insist on Having  
The Kind That Never Failed You.  
THE CENTAUR COMPANY, 77 MURRAY STREET, NEW YORK CITY.

**REASONS FOR USING**  
**Walter Baker & Co.'s**  
**Breakfast Cocoa.**

1. Because it is absolutely pure.
2. Because it is not made by the so-called Dutch Process in which chemicals are used.
3. Because it is made by a method which preserves unimpaired the exquisite natural flavor and odor of the beans.
4. Because it is the most economical, costing less than one cent a cup.

Be sure that you get the genuine article made by WALTER BAKER & CO. Ltd., Dorchester, Mass. Established 1780.

**STRONG, YET WEAK**

It seems almost out of place to say that a man may be a giant in physical development and yet that a striking could outdo him in a simple test of nerve. But it's very often true. Look at the great, big, husky fellow; he could knock down an ox with his fist. But his big heart is soft, and he lacks "grit." His sympathies are as strong as his arm, but his nerve fails often and he is ashamed of himself. He does not understand it, and it does seem strange. Dr. Sanden explains the reason in his book, "Three Classes of Men."

**DR. SANDEN'S ELECTRIC BELT.**

This famous Belt corrects the trouble. It is worn during sleep, mostly, and as nerve force or vital power is nothing but electricity, it gives the back the grit. It works altogether on the nervous and vital parts of the body, and after it is worn six hours every nerve is saturated with Electric energy. It squeezes the forces of vitality and makes every part of the body strong. Now, drugs tear down one part to build up another, while Dr. Sanden's Electric Belt makes all parts strong. It furnishes its own power, while drugs simply drain the power that is in the body.

Call and see Dr. Sanden today.  
Consultation and Test of the Famous Belt Free.  
The book is also free. By mail, it is sent, closely sealed, free.

**SANDEN ELECTRIC BELT CO., 253 West Washington St., Portland, Or.**  
When writing to Advertiser please mention this paper.

**CHEAPEST POWER...**  
**Rebuilt Gas and Gasoline Engines**  
**Hercules Gas Engine Works**

405-7 Sansome Street  
San Francisco, Cal.

**"CHILDREN TEETHING"**  
The children should always be used for children teething. It soothes the child, softens the gums, draws all pain, cures wind colic, and is the best remedy for diarrhoea. Twenty five cents a bottle. It is the best of all.

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