

\$2000.00

Schilling's Best baking powder goes a third farther than any other; gets to work quicker; makes sweeter cake.

Schilling's Best tea makes good cake taste better.

Schilling's Best baking powder and tea are because they are money-back.

What is the missing word?—not SAFE, although Schilling's Best baking powder and tea are safe.

Get Schilling's Best baking powder or tea at your grocers; take out the ticket (brown ticket in every package of baking powder; yellow ticket in the tea); send a ticket with each word to address below before December 31st.

Until October 15th two words allowed for every ticket; after that only one word for every ticket.

If only one person finds the word, that person gets \$2000.00; if several find it, \$2000.00 will be equally divided among them.

Every one sending a brown or yellow ticket will receive a set of cardboard creeping babies at the end of the contest. Those sending three or more in one envelope will receive an 1898 pocket calendar—not advertising in it. These creeping babies and pocket calendars will be different from the ones offered in the last contest.

Better cut these rules out.

Address: MONEY-BACK, SAN FRANCISCO.

Tourist Traffic in Ireland.

Ireland is now being opened more than ever for visitors. Its attractions are being more prominently placed before tourists, and increased facilities have been provided for viewing its many natural beauties. The presence of royalty cannot fail to give a stimulus to tourist traffic.

NURSERY STOCK
APPLES PEARS
PEACHES PLUMS
PRUNES &c.
Send us names for Free Catalogue.
Buell Lamberson, Portland, Oregon.

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A. P. ARMSTRONG, LL.B., Pres. J. A. WESCO, Sec'y
THE BUSY WORLD OF BUSINESS
gives profitable employment to hundreds of our graduates, and will to thousands more. Read our catalogue. Learn what and how we teach. Verily,
A BUSINESS EDUCATION PAYS

VIGOR OF MEN
Easily, Quickly, Permanently Restored
Weakness, Nervousness, Debility,
and all the train of evils from early errors or later excesses; the results of overwork, sickness, worry, etc. Full strength, development and tone given to every organ and portion of the body. Simple, natural methods. Immediate improvement. Failure impossible. 2000 references. Book, explanation and proofs mailed (sealed) free.
ERIE MEDICAL CO., BUFFALO, N. Y.

FARMERS THIS IS THE
SOMETHING MACHINE TO PUT
ENTIRELY NEW WITH THIS FALL
NEW
CLARK'S RIGHT-LAP
Plow and Seeder Combined.
Thoroughly works the soil to a depth of 5 to 10 inches.
Leaves no Plow Crust.
Places the seed 3 to 4 inches down, thoroughly covered with light, loose soil.
Every farmer that has used it RECOMMENDS IT.

MITCHELL, LEWIS & STAYER COMPANY
FIRST AND TAYLOR STS., PORTLAND, OR.
General Agents for Oregon, Washington and Idaho.

A NERVOUS
Debility sufferer in an aggravated form shows it on his face—a haggard worn-looking man. The same with women. But what of the man who has lost all vital and manly power, and yet looks like a physical giant? That is just the question to which Dr. Sanden has devoted twenty years of study. It is true that men who look strong are weak in this respect. Dr. Sanden has found the cause and explains it in his little work,
"Three Classes of Men,"
Which he sends free by mail sealed from observation, or can be had at his office. It gives full information relating to
Dr. Sanden's Electric Belt.
It might be worth your time to read the little book. Get it, or call and see this wonderful Belt.
SANDEN ELECTRIC BELT CO.
253 West Washington St., Portland, Or.
Please mention this paper.
N. P. N. U. No. 41, '97.

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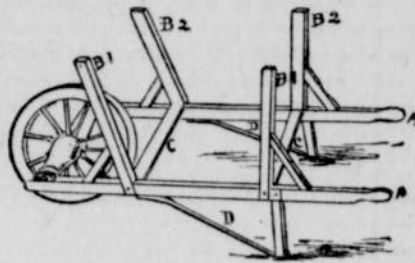
FARM AND GARDEN



Corn Fodder Barrow.

The National Stockman describes how to make a barrow for hauling corn-fodder.

The two side pieces A are 6 feet long and 1 1/2 inches by 3 inches. The uprights B are 2 feet long and 2 inches by 1 1/2 inches. The crosspieces C are 2 feet long and 2 feet apart and 3 inches wide by 1 1/2 inches. The straps D are pieces of old carriage tire bent as shown. The legs are fastened on with a single bolt and the uprights by a log screw. The braces for the uprights are notched in and nailed. When it is desired to use the barrow for grass, put in a floor of half inch white pine, also nail half inch boards from B 1 to B 2 and fit in sideboards from B 2 to B 2



BARROW FOR CORN FODDER.

and from B 1 to B 1. White pine or cypress will be strong enough for the dimensions given. If heavier wood is used, use smaller size.

The Care of Milk.

The following is a compilation of directions given by some of the Western cheese factories in connection with the care of milk.

Place cans in cold water immediately after milking.

Place the milk in cool water soon after milking is done.

Place cans in cold water at once. Cool quickly.

Practice cleanliness with a big C. Milk pails, strainers, and coolers should be washed and scalded at each milking.

Rinse cans in warm water, scald with hot water, and air as much as possible.

Have cans washed and scalded thoroughly and well aired.

Stir the milk at least two or three times while cooling.

When the milk is cooling, cover the cans with cheese-cloth.

Do not put covers on the cans over night, but use a thin cloth.

Always leave covers off the milk until the animal heat has disappeared.

Never mix morning's milk with night's milk until both are thoroughly cooled.

If warm milk is added to cold, it produces a taint at once.

Posts as Foundations.

Cedar posts are often used to support buildings and doubtless would be more frequently used if the frost did not

work upon buildings thus supported.

Lifting them out of position and racking them. It does this when the posts extend below the frost line since the

ground freezes to the sides of the posts and thus raises them. Put a square box about the posts as shown in the cut. The frost will then lift the box, but cannot disturb the posts.—Orange Judd Farmer.

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Ripening Tomatoes Under Cover.

It is the habit of many tomato growers as the danger of frost becomes imminent to pull up a number of tomato vines with a little earth attached, and throw them with their unripe fruit into some building where the unripe tomatoes will gradually turn, and the smaller ones will increase in size and finally ripen also. In this way it is possible to have tomatoes fresh from the vine until near the Christmas holidays. Tomatoes fully grown will color if picked and laid on the shelf. But they are not nearly as good as fruit that is ripened on the vine, which apparently continues to perfect the fruit even after its roots have been pulled from the ground.

Threshing Damp Grain.

It is never good economy to thresh grain while the straw is damp. So long as grain is in its chaff, that protects it from heating either in mow or stack. So long as threshing was done by hand there was no temptation to thresh it until frost had dried it out. Now that steam power for threshing has replaced the horse power, it does not seem so much waste to thresh damp grain. Yet many straw stacks will be green with grain wasted because even the steam threshing machine cannot get it out. Besides, after threshing, the damp grain is much more liable to injury by heating than it was before.

Rain vs. Irrigation.

It is sometimes said that the farmer who depends wholly on irrigation is really better off than those who farm where rainfall is usually sufficient. The man who irrigates has the control of moisture supply in his own hands. But this does not wholly apply to fruit

growing. In arid climates air, as well as soil, must be kept moist to develop the best fruit. For many years California fruit was dry and poor in quantity, though fine looking. Now California air in the dry season is less arid than it used to be, and its fruit is better.

Chestnut Trees Profitable.

Those who have a chestnut grove and keep it free from predators may find it a source of profit. We know one or two such groves which yield returns with no labor except for gathering the nuts—better than could be got for usual farm crops. But to secure profitable returns the public must be excluded. Men and boys who climb the trees while the nuts are green to bring them down will disfigure and injure the trees, so that after a few years the trees will yield little or nothing. Chestnut trees, if the fruit is of good quality are valuable property, and their fruit should be protected. There are several improved varieties of chestnut, some of which will begin bearing when three years old. These should be chosen if new plantations of chestnuts are to be made, or scions of the new varieties should be grafted into native stock.—American Cultivator.

Value of Grain Chaff.

When threshing grain framers should appreciate the necessity of separating the grain chaff from the straw for winter feeding. If the straw is to be sold for bedding or used for bedding at home it will go farther if free from chaff. The latter is much the best part of the straw to feed. When nature makes the grain, all the valuable nutrition is concentrated in or near the head. Some of this remains in the chaff. There are besides some light grains that are usually blown out with the chaff in cleaning.

Chickens in Hot Weather.

The sudden dying of young chicks in hot weather is almost always caused by lice. Look around the head and neck, and a few big fellows may be seen which torment the chicken so that it cannot be thrifty. Rub some grease of any kind about the head and neck and under the wings. This is sure death to the pests and does the chicks no harm. It is well to use it as a preventive, for if lice get on the chicks in hot weather, many chicks will die before the remedy can be applied.

Burning Weeds.

It is far better to rot the weeds by burying them under the soil while green than to rely on burning them after they have ripened their seeds. It is commonly supposed that when a weed is burned, its seed also perishes. Only if piled on brush, which will make coals of fire at the bottom of the heap, is this the case. The weed seed drops as the pod which encloses it shrivels with heat, and as carbonic acid gas settles to the bottom of the heap, the noxious seed is preserved from burning.

Corn on Outside Rows.

In cutting corn we always used to notice that the outside rows where the horse turned in cultivation had generally larger and better filled ears than did the corn farther in the field. This indicates that corn is usually planted too closely and does not get sunlight enough. The outside row is not generally richer than the soil farther in the field, and certainly the trampling of the ground by the horses' feet is no advantage to the crop.

Grasses.

The best kind of grasses to sow upon a marsh subject to overflow, according to some of the best authorities, are four pounds red top, two of fowl meadow grass, four of timothy and one or two of alsike clover per acre. In many cases low lands can be easily drained or partially freed of water by the digging of one or two ditches. If this can be done, it surely should be practiced, for low lands are the richest and best for grasses.

Farms Under Glass.

It is prophesied that the farmer of the future will grow his crops under glass. Hot-house fruits and vegetables may then be raised for the poor and needy on a very cheap scale. Vast sections of land may be roofed over with glass, and a perpetual summer climate will make the plants and trees and vines flourish as in the tropics.

Boiled Oil.

A gallon of boiled oil well soaked in will furnish a protecting cover for all the farm wagons, plow handles, horse rakes, etc., on the farm, keeping the weather from them and thus saving the cost a dozen times. It should be put on hot.

Quince Hedges.

In the English colonies of Africa hedges are commonly made of quince-trees. The branches, being planted and interwoven by hand, form an impenetrable barrier to cattle, and they annually bear an immense crop of large fruit.

Objections to Late Haying.

The late cut hay, even if secured without rain, has lost much of its nutritive value. It has also impaired the vigor of the root, so that next year's hay crop will be lighter than if the grass this year had been cut early.

Making Them Familiar.

Helpers that are to be in milk by and by ought to be kept with the milking herd that they may get accustomed to the sounds and excitement of domestication. Their product will vary less by and by at the pail.

A Pertinent Query.

"I don't believe in anything I can't see," said the young man who aims to be considered a skeptic. The middle-aged man with overalls on looked at him pensively for a moment and then inquired: "Young feller, did you ever ketch hold of a 'lectric wire?"—Washington Star.

Inroads of German Trade.

France imported \$6,000,000 worth of jewelry from Germany last year. This fact has caused consternation among the large jewelry manufacturers in the former country. The German articles are nearly all of a cheap variety, and a large proportion of the jewels which they contain are imitation. It is rather striking to see the Germans cutting into a branch of trade in which the French have always been easily first. French exports of jewelry and watches continue to be very important. In the Far East—China and India—the French have almost entire control of the watch and jewelry trade.

THE BLUES.

This is a synonym for that gloomy, harassed condition of the mind which has its origin in dyspepsia. All the ugly spirits that, under the name of "blues," "blue devils," "melancholy" and "mulligru" torment the dyspeptic almost ceaselessly, vanish when attacked with Hostetter's Stomach Bitters, that, moreover, annihilates biliousness, constipation, chills and fever, kidney complaints, and nervousness.

An American scientist has recently discovered a new microbe which is particularly destructive to the tissues of the human body, and the most striking peculiarity of the creature is that it is nearly all mouth.

A magnetic well of great power has been struck at Bowersville, five miles south of Jamestown, Ohio. The well was drilled 140 feet deep, and at this depth the drill became so magnetized that particles of iron clung to it.

The Gauls, to make handles for their stone axes, cleft the branch of a tree, placed the stone in it and left it till the wound in the wood had been completely healed.

A MOTHER'S DUTY.

Your daughters are the most precious legacy possible in this life.

The responsibility for them and their future is largely with you.

The mysterious change that develops the thoughtful woman from the thoughtless girl, should find you on the watch day and night.

As you care for their physical well-being, so will the woman be, and so will her children be also.

Lydia E.



Pinkham's "Vegetable Compound" is the sure reliance in this hour of trial. Thousands have found it the never-failing power to correct all irregularities and start the woman on the sea of life with that physical health all should have.

Womb difficulties, displacements and the horrors cannot exist in company with Lydia E. Pinkham's Vegetable Compound.

CHILDREN'S TEETHING
Mrs. Winslow's SOOTHING SYRUP should always be used for children teething. It soothes the child, softens the gums, allays all pain, cures wind colic, and is the best remedy for diarrhoea. Twenty-five cents a bottle. It is the best of all.

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. Fletcher* on every bear the fac-simile signature of *Chas. H. Fletcher* 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 *Chas. H. Fletcher* on the and has the signature of *Chas. H. Fletcher* wrapper. No one has authority from me to use my name except The Centaur Company of which Chas. H. Fletcher 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. Fletcher*
Insist on Having The Kind That Never Failed You.
THE CENTAUR COMPANY, 27 MURRAY STREET, NEW YORK CITY.

"A perfect type of the highest order of excellence in manufacture."
Walter Baker & Co.'s BREAKFAST COCOA
Absolutely Pure—Delicious—Nutritious.
Costs Less than One Cent a Cup.
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Established 1870.
By... WALTER BAKER & CO. Ltd.

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Direct from the manufacturer and save middleman's profit, as we understand them all. Our garments are custom made and not like those thrown together in New York sweatshops, where filth and disease reign. Our garments are guaranteed as to durability and style. Our prices on fur Capes range from \$8 upwards; on Fur Collarettes, from \$5 upwards; Neck Boas, from \$6 upwards; genuine Alaska Sealskin garments made from \$150 upwards. Write for information and catalogue.
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