

**FREE TO TWENTY-FIVE LADIES.**

The Defiance Starch Co. will give 25 ladies a round-trip ticket to the St. Louis exposition to five ladies in each of the following states: Illinois, Iowa, Nebraska, Kansas and Missouri who will send in the largest number of trade marks cut from a 10-cent, 16-ounce package of Defiance cold water laundry starch. This means from your own home, anywhere in the above named states. These trade marks must be mailed to and received by the Defiance Starch Co., Omaha, Neb., before September 1st, 1904. October and November will be the best months to visit the exposition. Remember that Defiance is the only starch put up 16 oz. (a full pound) to the package. You get one-third more starch for the same money than of any other kind, and Defiance never sticks to the iron. The tickets to the exposition will be sent by registered mail September 5th. Starch for sale by all dealers.

**The Strenuous Life.**

What it means to be a "club man" may be illustrated by mentioning the clubs of which Ashel P. Fitch, who died last month in New York was a member. He had membership in the Metropolitan, the Manhattan, New York Yacht, Lawyers', Germania, Ardsley, St. Nicholas, Press, Arion, Liederkranz and the Metropolitan Club of Washington. In addition he was president of the Franklin County Society, a member of the Metropolitan Museum of Art, Sons of the Revolution, New England Society, Military Order of Foreign Wars, New York Genealogical and Biographical Society, Municipal Art Society, the Chamber of Commerce and the Dunlap Society. He was also a director in a number of banks and other large corporations.

**Insist on Getting It.**

Some grocers say they don't keep Defiance Starch. This is because they have a stock on hand of other brands containing only 12 oz. in a package, which they won't be able to sell first, because Defiance contains 16 oz. for the same money. Do you want 16 oz. instead of 12 oz. for same money? Then buy Defiance Starch. Requires no cooking.

**Uncle Sam's Heavy Guns.**

At Sandy Hook are United States ordnance proving-grounds, where Uncle Sam does heavy training for war. Firing lately from big guns has been tremendously heavy, the detonations being severe enough to shake the earth clear up to Staten Island, a distance of fifteen miles. On the lower shore of Long Island and at some places along the Jersey shore houses shake and dishes and other articles are broken, windows are cracked, and there is a general smash-up, when the big guns are fired. It is a disagreeable reminder of war. Shots are fired at sea and when they explode in the water the ocean is for a few seconds dotted here and there with geyser fountains.

**Do You Want the Lowest Rates**

either one-way or round-trip excursion, to any point east of Chicago or St. Louis? Ask the Erie Railroad Company, 555 Railway Exchange, Chicago, for complete information. Three fast trains daily from Chicago and St. Louis through to New York, Boston, Buffalo, Pittsburgh and other eastern points. Stop-over without charge at Niagara Falls, Cambridge Springs and Beautiful Chautauqua Lake.

Men who are advertising that they walk with the devil now will be anxious to prove an alibi some day.

All Up-to-Date Housekeepers use Defiance Cold Water Starch, because it is better, and 4 oz. more of it for same money.

While the pessimist sees only the thorns on the rose the optimist sees only the rose on the thorns.

**Lydia E. Pinkham's Vegetable Compound**  
A Woman's Remedy  
For Woman's Ills.

**WABASH**  
"FOLLOW THE FLAG."  
TAKE THE WABASH TO SAINT LOUIS THE ONLY LINE TO THE WORLD'S FAIR MAIN ENTRANCE.  
Baggage checked to World's Fair grounds.  
Stoppers allowed. All Agents can route you via the WABASH. For beautiful World's Fair folder and all information address HARRY E. MOORES, Gen. Agt. Pass. Dept., Omaha, Neb.

**BEGGS' BLOOD PURIFIER**  
CURES catarrh of the stomach.



**AGRICULTURE**

**Fresh or Rotted Manure.**

There was a time when all advice given on the manuring of land for almost anything was in favor of applying "well-rotted" manure. It had been observed that the results from such manure was very good, especially when the results were judged a few months after applying. But in time the chemists took hold of the question and examined manure both at time of its being made and successively month by month for a year. Both the volume was considered and the amounts of fertilizing matter left in the manure at the various times of analysis. It was proved without contradiction that in the course of a year, even under good conditions, the manure pile decreased in size fifty per cent, and that the manurial contents decreased from 30 to 40 per cent. There was not only a loss of fertility, but of humus, which seemed to be burned up in the chemical operations going on. We know from other scientific investigations that these chemical changes are constantly going on in dead matter, whether vegetable or animal. We further know that the humus is one of the most valuable elements entering into the value of the manure pile.

The old idea of composting was a good one, but we have now an improvement on that idea in the quick application of all manure to the land, as in that way the land gets the most benefit out of it. We are gradually awaking to the fact that the land needs to be improved physically as well as in other ways, and this is a somewhat new fact in the minds of American farmers. By putting the manure into the land as soon as made, we get the full benefit of its mechanical effects. We now look for the influence the manure is to have in a course of years rather than its immediate effect as seen during the season of its application. It should be remembered that one of the chief reasons for the use of barnyard manure is now seen to be the keeping up of the supply of decaying vegetable matter in the soil.

**Points on Farm Drainage.**

Summer is the time when drainage work can be best done, as at this time of year there is least water in the soil. The presence of too much water always interferes with the digging and the work of leveling, though water sometimes acts as a spirit level and helps to indicate levels. There are many fields that can be drained at a very small cost, especially where the land is somewhat porous, but whether the land be porous or not, the man that does the work should be an expert, at least in the matter of finishing the bottom of the ditch. Any man can plow out the ditch and any man can shovel out the dirt, but the leveling of the bottom cannot be left to any man that comes along. In addition to having skill, he must be honest, for the employer cannot watch the workman at every point; and if any of the work is slighted it is likely to make the effectiveness of the drains less than they should be. This is especially the case on land that is nearly level. In all cases the survey of the land should be very carefully made, and for this purpose a civil engineer should be employed, unless the drain is a short one with a good deal of fall. Many and many a drain has been put in by guess or by the measurements of the eye, and the owner has then failed to reap the benefits from it he expected. Sometimes there have been imperceptible depressions, where the silt from the passing water has accumulated and rendered the drain useless in a few years. We have heard of long systems of tile having to be torn out to discover these clogged portions. This should be avoided by correct building at the start. The tile must be laid with the utmost care as to truthness.

**The Presence of Sorrel.**

Soil students are divided as to whether or not the presence of sorrel indicates acidity in the land. There are many things to show that it does, and perhaps some to show that it does not. The first opinions were doubtless formed on the fact that sorrel is sour in taste. The cultivators quickly jumped to the conclusion that land that would grow sour plants like sorrel must be sour. This reasoning is not good, as we grow rhubarb on the best and sweetest of land. But the early students, though founding their opinions on a wrong premise, came near to the truth. One of the reasons why we believe that sorrel land is sour land is that the soil on some such land has been tested and found to be acid. Of course, this does not prove that land to bear sorrel must be acid, but it is an indication pointing in that direction. Another proof that this land contains too much acid is that lime when applied has a good effect and often after its application the sorrel disappears. Here, too, the opposing theorists would say that the case is not proven. They would say that the lime stimulated the other plants so much that they grew and crowded out the sorrel. It is safe, however, to assume that land that will bear sorrel in profusion is sour and needs lime to neutralize the acid.

Putting sand on clay land is in the nature of a permanent improvement. It will not have to be done from year to year, but its good effects will be seen as long as the land is in use.



**HORTICULTURE**

**What Limits the Height of Trees.**

While the young trees are making clean trunks so rapidly during the period of greatest yearly height growth they are also making their greatest annual gains in diameter, for these two forms of growth generally culminate about the same time, says Gifford Pinchot in a report on forest trees. A little later, if there is any difference, the young forest's highest yearly rate of growth in volume is also reached. For a time these three kinds of growth keep on at the same rate as in the past, but afterwards all three begin to decrease. Growth in diameter, and in volume also, if the trees are sound, goes on until extreme old age, but height growth sinks very low while the two others are still strong. For many years before this happens the struggle between the trees has not been so deadly, because they have been almost without the means of overtopping one another. When the end of the period of principal height growth is reached the trees are interfering with each other very little, and the struggle for life begins again in a different way. As the principal height growth ceases, and the tops no longer shoot up rapidly above the side branches, the crowns lose their pointed shape and become comparatively flat. The chief reason why trees stop growing in height is that they are not able to keep the upper parts of their crowns properly supplied with water above a certain distance from the ground. This distance varies in different kinds of trees and with the health and vigor of the tree in each species, but there is a limit in every case above which the water does not reach. The power of the pumping machinery, more than any other quality, determines the height of the tree.

**Shallow Cultivation.**

In all work in the garden it is better to give shallow cultivation than deep cultivation after the roots of the plants have extended into the bare spaces between the rows. Before that time the cultivation may be deep, and should be deep to get the soil thoroughly loosened up, so that the roots of the plants, as soon as they reach out into this fresh soil, will be able to strike deep and remain below the line of the shallow cultivation that is to follow. If the ground is not stirred to a good depth at first the roots will extend along the surface of the ground and will be constantly interfered with by the cultivator, no matter how shallow it may be run. With the proper preparation of the ground, and with this deep cultivation at first, the latter cultivations, though shallow, will be found to be very beneficial. They will not break off the ends of the roots, but will keep the soil well aerated and thus help to loosen up the plant food and place it in a usable condition. This aeration of the soil is of far greater importance than most of our farmers have suspected. It is far better to cultivate often than after long lapses of time, as in the latter case the ground becomes hard, capillary tubes are formed, and soil moisture is wasted.

**The Universal Fruit.**

The strawberry is coming to be considered the universal fruit and called such, though we must acknowledge that there are places on the globe where it will not grow. However, it has a wider range of habitation than any other fruit known to Americans, not excepting the apple. From the Gulf of British America it is grown abundantly. It is easy to propagate, easy to protect from the cold of winter and is easy to transport. It is all the more popular, as it is the first fruit to appear on our tables in the spring. Every year the strawberry appears a little earlier in the northern market, and it looks as if before long it would be on our tables the year round. In fact strawberry enthusiasts are predicting that when the great international railroad that is to connect the United States with the South American countries is constructed, strawberries will be continually purchasable in the United States, as the South American seasons run the opposite of ours. This is a dream very likely to materialize, as the transportation companies can be depended on to encourage a trade of this kind—a trade that has always yielded the railroads a good deal of money.

**Don't Wait for the Weed.**

Weeds will make no trouble if the farmer will but cultivate before they make an appearance. A good many people cultivate for the apparent purpose of keeping down weeds. They never begin to cultivate till they can see the weeds starting by the thousands between the rows of the growing crops. The cultivator should be run at frequent intervals, whether the weeds have appeared or not. This is the surest way of keeping them from making trouble. The ground too when free from weeds is very easy to cultivate and the cultivator slides through it with very little effort on the part of the team. Don't wait for the weed.

The irrigating of strawberries where practiced has been found to be very profitable. The application of water at the fruiting season enormously increases the crop, as has been demonstrated at Wisconsin, Missouri and other experiment stations.

**How Dowie Left Australia.**

Elijah Dowie's departure from Adelaide South Australia, was a strangely sacred and subterranean business. Instead of going on board the Mongolia from Largs bay, like an ordinary human he announced that his place of embarkation would be kept a dark secret. Then, while the crowd haunted the jetties of Gleneg, Semaphore, Largs, and ven Henley beach, he sneaked down to out-of-the-way sleepy, Brighton, where a launch cabin and declined to come out until the crowd on the deck of the Mongolia had finished kissing its departing friends and gone ashore. At the last moment the terrified prophet fled up the Mongolia's gangway as if the devil was behind him with a stinpot and almost broke his neck getting into the cabin out of sight. It didn't look at all like the departure of a prophet.

I am sure Piso's Cure for Consumption saved my life three years ago.—Mrs. THOS. ROBINSON, Maple Street, Norwich, N. Y., Feb. 17, 1900.

**What Our Territory Cost.**

The cost of the acquisition of vast territory by the United States is given in the following list: Louisiana, \$15,000,000; Florida, \$5,000,000; Texas, \$18,500,000; California and New Mexico, \$15,000,000; Arizona, \$10,000,000; Alaska, \$7,250,000; Philippine islands, \$20,000,000; Panama canal, \$40,000,000; Panama canal strip, \$10,000,000; total, \$140,750,000. In addition, the United States when it annexed Hawaii assumed a debt of \$4,900,000.

\$35.00 per M. Lewis' "Single Binder," straight 5c cigar, costs more than other brands, but this price gives the dealer a fair profit—and the smoker a better cigar. Lewis' Factory, Peoria, Ill.

**Liberty's Torch a Candle.**

The great bronze statue of Liberty in New York harbor is always an impressive figure by day, but at night it does not live up to its reputation for "enlightening the world." At dusk every evening a sickly blue light begins to appear in the great black torch, and when night sets in this light takes its place with the other harbor lights, a little high up, but not a bit more brilliant than the rest. It might be easily taken for a lantern on the masthead of a ship.

**Do Your Feet Ache and Burn?**

Shake into your shoes, Allen's Foot-Powder, a powder for the feet. It makes tight or New Shoes feel Easy. Cures Swollen, Hot, Sweating Feet, Corns and Bunions. At all Druggists and Shoe Stores, 25c. Sample sent FREE. Address Allen S. Olmsted, LeRoy, N. Y.

**He who hath eaten salt drinketh water.**

**Why It is the Best** is because made by an entirely different process. Defiance Starch is unlike any other, better and one-third more for 10 cents.

A man is good when he is old.

**WHY HOT WEATHER MAKES WOMEN NERVOUS.**



A Well Known Canadian Lady Sends Letter of Endorsement to Pe-ru-na.

Miss Mary Burns, 28 Spring Garden Road, Halifax, N. S., writes: "Having used Peruna for indigestion and stomach trouble and to build up a broken down system with the very best results, I am pleased to state my experience with this excellent medicine. I had been troubled with stomach trouble and poor digestion for some years, and although I tried many remedies and dieting, nothing seemed to restore my health until I used Peruna. In three months I had entirely recovered my health and strength."—Mary Burns.

**Suggestions by Dr. Hartman.—How to Combat the Nervous Depression Incident to Warm Weather.**

Nervousness is very common among women. This condition is due to anemic nerve centers. The nerve centers are the reservoir for nerve vitality. These centers become bloodless for the want of proper nutrition.

This condition is especially noticeable during the warm season. Every summer an army of invalids are produced as a direct result of weak nervous systems. This could easily be overcome by the use of Peruna. Peruna strikes at the root of the trouble by correcting the digestion. Perfect digestion furnishes increased nutrition for the nerve centers. Perfectly digested food gives these reservoirs of life a vitality which creates strong, steady nerves, and in this manner fortifies and nourishes life.

Miss Blanche Grey, a prominent young society woman of Memphis, Tenn., in a recent letter from 174 Alabama street, writes: "To a society woman whose nervous force is often taxed to the utmost from lack of rest and irregular meals, I know of nothing which is of so much benefit as Peruna. I took it a few months ago when I felt my strength giving way, and it soon made itself manifest in giving me new strength and health."—Miss Blanche Grey.

**Pe-ru-na Contains No Narcotics.**

One reason why Peruna has found permanent use in so many homes is that it contains no narcotic of any kind. Peruna is perfectly harmless. It can be used any length of time without acquiring a drug habit. Peruna does not produce temporary results. It is permanent in its effect.

It has no bad effect upon the system, and gradually eliminates catarrh by removing the cause of catarrh. There are a multitude of homes where Peruna has been used off and on for twenty years. Such a thing could not be possible if Peruna contained any drugs of a narcotic nature.

At this season of the year we are peculiarly liable to inflammations of the stomach and bowels. It is the part of wisdom to learn how to cut them short and in the easiest and quickest manner. Peruna does this by its peculiar power over all forms of catarrhal troubles.

**HANDY BLUEING BOOK** For Laundry Use  
Send 10c for package to THE HANDY BLUEING BOOK CO., 87 E. Lake St., Chicago Or Druggist

**ANTISEPTIC PILE CONES** CURE WHILE YOU SLEEP.  
Sample Free. ANTISEPTIC PILE CONE CO., Crete, Neb.

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**Thompson's Eye Water**  
W. N. U., Omaha. No. 27—1904

**900 DROPS**  
**CASTORIA**  
A Vegetable Preparation for Assimilating the Food and Regulating the Stomachs and Bowels of  
**INFANTS & CHILDREN**  
Promotes Digestion, Cheerfulness and Rest. Contains neither Opium, Morphine nor Mineral. NOT NARCOTIC.  
Recipe of Old Dr. SAMUEL PITCHEER  
Pumpkin Seed -  
Almonds -  
Sassafras -  
Cinnamon -  
Peppermint -  
In Combination with  
Worm Seed -  
Castor Oil -  
Mildest Purgative  
A Perfect Remedy for Constipation, Sour Stomach, Diarrhoea, Worms, Convulsions, Feverishness and LOSS OF SLEEP.  
Fac-Simile Signature of  
**Chas. H. Fletcher**  
NEW YORK.  
At 6 months old  
**35 DROPS 35 CENTS**  
EXACT COPY OF WRAPPER.

**CASTORIA**  
For Infants and Children.  
The Kind You Have Always Bought Bears the Signature of  
**Chas. H. Fletcher**  
In Use For Over Thirty Years  
**CASTORIA**  
THE CENTAUR BOTTLING, NEW YORK CITY.

We would teach the lady who buys Lesson number one. Starch is an extraction of wheat used to stiffen clothes when laundered. Most starches in time will rot the goods they are used to stiffen. They contain chemicals. Defiance Starch is absolutely pure. It gives new life to linen. It gives satisfaction or money back. It sells 16 ounces for 10 cents at all grocers. It is the 'very best.'  
MANUFACTURED BY  
The DEFIANCE STARCH CO., OMAHA - NEB.

**CONSUMERS OF SHOES**  
ALWAYS ASK FOR THE BEST WESTERN MADE SHOES.  
These brands will guarantee you a good shoe for men:  
**Star and Crescent** **E. Z. Walker**  
**Comet** **Cock of Walk**  
Our PRAIRIE QUEEN leads all others in Women's and Children's Shoes.  
See that our name is on the shoes you buy.  
**E. P. KIRKENDALL & CO.** Manufactured in OMAHA.

**THE NORTH-WESTERN LINE**

**NEW HOMES IN THE WEST**  
Almost a half million acres of the fertile and well-watered lands of the Rosebud Indian Reservation, in South Dakota, will be thrown open to settlement by the Government in July. These lands are being crisscrossed by the Chicago & North-Western Railway's direct through lines from Chicago to Bonsteel, S. D. All agents sell tickets via this line. Special low rates.

**HOW TO GET A HOME**

**Wiggle-Stick**  
Wiggle-Stick LAUNDRY BLUE  
Won't spill, break, freeze nor spot clothes. Costs 10c. and equals 20c. worth of any other bluing

**PISO'S CURE FOR CONSUMPTION**  
CURES WHERE ALL ELSE FAILS.  
Best Cough Syrup. Tastes Good. Use in Time. Sold by druggists.

**W. B. KNISKERN,**  
Passenger Traffic Manager,  
CHICAGO, ILL.