

# WHO'S GOT 'EM?

Everybody is talking about them, everybody wants them and are calling for them.

The people who know say it is the best thing the Sandy merchants ever did for their customers.

People who never have traded at the stores giving the Crescent Profit Sharing Stamps and Valuable Premiums are now trading there and are satisfied at the low prices, unexcelled quality and service given each customer.

R. E. Esson, J. Seales and Sandy Mercantile Co., are the originators of this plan in Sandy, and the Profit Sharing Stamps and Premiums can be had only from them.

A few of the valuable Premiums are displayed in the window of Esson's Drug Store.

Those who have not as yet received a Profit Sharing Stamp Book are requested to call at one of the above named Stores and get one free and be sure to save your Stamps for they are valuable.

## THE SANDY MEAT MARKET

Fresh and Canned Meats and Sausage of All Kinds.

A Stock of Groceries kept in Stock. Best Bread in the State of Oregon.

Fresh Fish every Friday. Will pay the highest cash price for Hides, Veal, Pork, Eggs &c.

L. E. HOFFMAN

## COTTRELL

Mrs. Quicksall was a visitor Friday at the home of Charles L. Hunter.

Wesley Bacon, of Bull Run, spent a few days last week at the home of his parents, Mr. and Mrs. Bacon.

Harvey Schneider and sister Clair, came out from Portland Saturday to visit home folks.

Arthur Chase and family were Sunday visitor at the home of Charles L. Hunter.

Mrs. E. E. VanFleet is substitute teacher in the primary department of the Orient school during the absence of Miss Gladys Mitchell who is suffering from an attack of appendicitis.

Mr. and Mrs. F. Beers made a business trip to Portland Monday.

Mrs. Lottie Sims, of Gresham, visited her mother the latter part of the week.

An interesting basket ball game was played at Cottrell school house Friday evening by the Orient and Cottrell school teams. The girls game resulted in a victory for the Cottrell girls the score being 18 to 21. The Orient boys won with a score of 22 to 33. After the game the Cottrell girls team served lunch to the visiting teams.

## UPPER COTTRELL

Charlie Wilkinson left Sunday for Iowa, where he has an all summers job waiting for him.

Jessie Radford has gone to the hospital.

but the doctors have not decided yet just what ails him.

Tawney Radford had a birthday Monday and a few of his friends and relatives had a surprise party in honor of the event.

There was some storm around these parts Sunday. The lightning flashed and the thunder roared in a way that was rather alarming to the people of this community who are not used to such things. It struck a few trees and glanced off of the transmission line also made some of the phones jingle. From the way it rained it must have struck the clouds.

Friday night marked the opening of basket ball on the home floor. Cottrell was matched against the Orient teams and displayed a great deal of skill in putting the ball in the basket. The Cottrell girls won by the score of 21 to 17 but the boys lost to Orient by the score of 22 to 33. However the boys did very well considering the fact that they have had only one practicing game before this one. This Friday night the two teams will go to Boring and try their strength with the Boring teams. They will find things much different then as the fall is very large and they will have too much room to work in.

### LIVE STOCK NOTES.

- Keep selecting and pushing the hogs off to market as soon as they are fit.
- Be sure that the colts go into winter quarters in the pink of condition, for there is where the profit comes in.
- If you see a low class, nondescript buck running with a flock of sheep, you know at once the owner is behind the times.
- It pays to raise two litters a year, but it is not every man who has the gumption to do it.
- The stored up feed for the winter feeding of the flock should be clover or alfalfa hay, oats, wheat bran, linseed meal and roots.
- A little thoughtfulness for the colt every day is what he needs.
- See that he is made comfortable and kept growing. These things are essentials.

Men Who Fear Opportunity. In the American Magazine Hugh S. Fullerton says:

"Thousands of us who are making fairly comfortable livings for families pass plain turning points, refusing to turn or to attack the opening, through sheer timidity. There is no class so timid as the man with a family, who refuses to change because he fears he will risk the small sum he has accumulated to educate the children and provide for the family in case of his death. Ninety-nine out of a hundred men in this class keep straight ahead when they see a turning point clearly."

## Scientific Farming

### TEST SEED CORN.

Necessary to Determine Viability of Seed in Advance of Planting Season. [Prepared by United States department of agriculture.]

Testing seed corn for germination, always a profitable farm practice, is an absolute necessity this year in many sections. In a number of districts the last corn crop from which seed for the coming planting will be taken was late in maturing or so moist when harvested as to call for special precautions. A high moisture content makes seed corn particularly susceptible to damage from freezing or heating. Farmers in the sections where corn failed to ripen normally who do not test their seed early enough to be able to replace their own bad seed with good seed secured from other sources will be taking an unnecessary risk. It is also especially important for holders of seed in such dis-



SPROUTED SEED CORN.

tricts to take unusual care during the remainder of the winter to protect it from freezing.

While complete testing for germination should take place shortly before the seed is planted, the specialists of the department believe that it will be simple forehandedness for farmers who have any reason to be doubtful about the viability of their seed to make a preliminary germinating test with a few typical ears taken at random from the rack. If these preliminary tests show that the seed is good the owner then can continue his precautions to guard it from weather damage. If, however, this test with a few

ears indicates that the seed is of low vitality the farmer should at once make further tests to satisfy himself as to whether his seed corn generally is good or bad.

If a farmer finds his seed is bad he should take steps at once to meet the difficulty. The purchase of seed should not be delayed till spring, especially when so much corn in various sections has been damaged. The farmer should secure his seed from well known sources, buy it upon a germinating guaranty basis and get his seed or typical samples early enough to make his own germinating tests. It is probable this year that many farmers who have not followed the wise practice of selecting enough special seed from good crops to last them in an emergency for two or three years will have to buy seed. In buying seed farmers should try to secure corn of varieties known to prosper in their section. The safest seed would be that carefully selected from good corn grown in the immediate neighborhood, but at any rate effort should be made to obtain seed grown in districts where climate, soil and farming conditions in general are similar to those at home.

If the farmer happens to have a stock of seed left over from the 1914 crop and doubts the seed saved from his 1915 crop he would do well to test the older seed also and then use whichever shows the greater vitality. Seed corn if properly cared for will retain its vitality for several years. Many farmers, knowing this, always select an extra amount of seed from an unusually good harvest.

### FERTILIZERS SCARCE.

The fertilizer situation becomes more serious for market gardeners. Prices for potash are prohibitive. Nitrogen and phosphorus are also much higher than a year ago. The greatest care should be exercised in planning the fertilizer rations. Perhaps it will pay to make slight reductions in the usual amounts of nitrogen and phosphorus and to be more thorough in the planting and care of the crops. The situation calls for shrewd business management. — National Stockman and Farmer.

### STOP SOIL WASHING.

Winter Time Should Be Used in Work to Avoid This Loss.

[M. F. Miller, Missouri station.]

Brush and straw piles that will be in the way during the farming season should be hauled away and used to stop soil washing. Every one has seen enormous gullies cut in a single season and years spent in trying to undo the mischief, but few realize that sheet washing is gradually taking away the best surface soil of our fields to such an extent that soil washing is the greatest single source of loss on many of our farms. The less busy winter time should be used in active work to stop this loss and in planning next season's field work so that the fields will be planted and cultivated across the slope or around the hill, so that the rows will not run straight down in such a way as to furnish the steepest possible channel for the run off from rains. Those who have such winter cover crops as rye to hold the soil in place are fortunate, but those who do not should not flatter themselves that no washing is going on even in the winter time when there is less rainfall.

Small gullies that have just started in cornfields or wheatfields or even in pastures and meadows may often be stopped with a little straw. Even cattle paths in pastures often deepen so that they need such treatment. In other places it is necessary to plan to sow sorghum to stop washing, but if the gullies are more than a foot deep and two or three feet wide it is usually better to use brush, concrete dams or the sewer system, which has given good results under certain circumstances.

The brush dam gives better results if straw is mixed with the brush to help hold the dirt. Wherever the fall is great enough to make the water cut seriously it is likely to be necessary to stake down the brush and straw so that they will not be washed away.

For deep, narrow gullies concrete dams from six to twelve inches thick will give better results. Iron rods to give weight must be used in re-enforcing the larger dams, but heavy wires will do very well in the smaller ones. The middle should always be left lower than the edges, and the supply way should be provided with a concrete, stone or brick apron at the bottom of the gully to prevent the falling water from cutting into the soil and undermining the dam.

Happiness consists in activity. It is a running stream and not a stagnant pool.—Good.



## BUSINESS POWER

WHAT EVERY MERCHANT WANTS to-day is more power to extend his business. A commercial bank account gives this to a surprising degree. There are many deals that cannot be put through without the aid of a bank, and to be able to refer a customer to your own bank, is a great advantage. Come in and talk the matter over with us.

### CLACKAMAS COUNTY BANK

### AN ENIGMA FOR POSTERITY.

The Secret Dynamite Chamber of the Catskill Aqueduct.

The Catskill aqueduct system is remarkable as an engineering feat. One of the most curious expedients that the engineers contrived was the chamber for storing dynamite. They had to have a large supply of explosive at hand, yet the law sternly prohibited any such accumulation within the city limits of New York, where it might endanger life or property.

Finally in the dip between the One Hundred and Tenth street and the One Hundred and Twenty-second street shafts, 450 feet below the surface, a chamber was blasted out of the solid rock. You entered this chamber from the tunnel by a door that was always left swinging half open and then followed a zigzag passage that turned more than once at right angles. From that passage you stepped into a huge vaulted cavern.

A single electric bulb was suspended over the threshold. A capacious iron bound chest, not unlike a sarcophagus, contained the dynamite. There was nothing else in the silent and gloomy chamber. If the dynamite had at any time exploded the immense volume of released gas would have rushed first against the unyielding walls of rock and then, seeking an outlet, it would have broken with diminishing force against those of the zigzag passage.

So carefully had the engineers calculated the force of the explosion that they believed that what remained of it on reaching the tunnel entrance would automatically close the half open door. No explosion took place to test the theory, and experimental proof would have cost the city \$5,000 worth of dynamite.

The passage from the tunnel has been closed with solid concrete, but the huge cavern is still there, hidden deep in the rock on which the great city is built. Slowly, very slowly, it will fill up with a silent, motionless pool of water, never to reflect the faintest gleam of light. In time, no doubt, the existence of the cavern will be forgotten. A thousand or two years hence it may be rediscovered. Clearly it will be seen to be the work of man, but as to its purpose scientific brains may puzzle themselves fruitlessly, for that will have become a secret held inviolate by the unspeaking rock.—Youth's Companion.

### ORCHARD AND GARDEN.

Lettuce for use in hotbeds should be sown now.

The Progressive is one of the best, if not the very best, of the autumn bearing strawberries.

Many varieties of seeds are going to be scarce this year. It will be well to have the seed order in early.

For the home garden choose vegetables of best quality. Quantity is not the important thing.

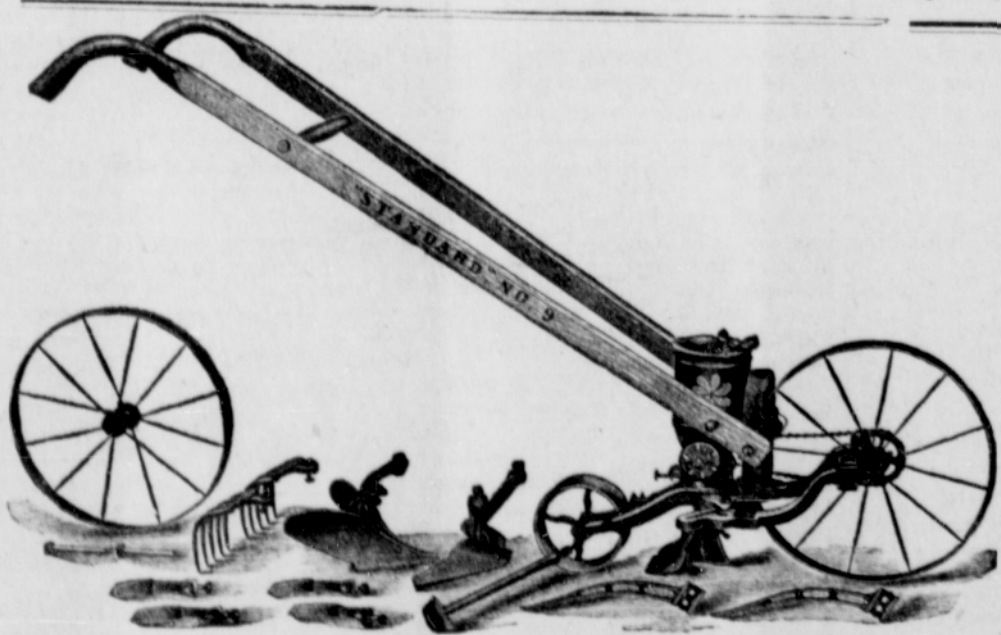
Most vegetables need rich, well worked soil. Having this and adding thorough cultivation and care any one can have a No. 1 garden.

Tramp the manure in the hotbed until it is solid, then put the glass on and leave it a few hours before putting the soil in. This will make heating sure.

Swiss chard should be included in the seed order. It makes good "greens" and is a rapid grower. It may be sown at the same time as early cabbage and transplanted to frames or field.

Holding on to it.

Bill—Has he the saving habit? Jim—I think so. He showed me a cent he owned dated 1805.—Yonkers Statesman.



Make YOUR Garden PROFITABLE Do the work easy and accurately with a STANDARD GARDEN SEEDER & CULTIVATOR. Our line of HOES, RAKES, WEEDERS and Garden Tools is the BEST in town. Our prices are right. We give Stamps

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