A LARGE POTATO FIELD.

Harris brothers, of North Yakima, will plant 150 acres of their ranch below Zillah, to Burbank potatoes. To do this, they estimate, will require about 1200 sacks of seed. They will plant in hills, mostly, and use whole potatoes of medium size. Just imagine the pile of spuds that will be harvested there next autumn! At the small average of 350 bushels per acre the crop will amount to 52,500 bushels, or 3,150,000 pounds, 1,575 tons. Loaded on cars at 10 tons per car it will take 157½ cars to transport the crop to market. That makes a train about one mile and one-third in length. The crop is to be grown for the Sound markets, principally. The greater portion of the tract was cleared of sagebrush last year, but some of the work has been done the present winter. Without doubt, this will be the largest potato field on the Pacific slope, and it will have few equals anywhere. The latest approved machinery for planting, cultivating and harvesting the crop will be called into requisition. If a careful account is kept of the expenses of growing and harvesting this crop, and it probably will be, for the owners are strictly business men, the experiment will go a long way toward settling the profitableness of potato growing on a large scale by irrigation in the Sunnyside region.

A PROSPECT.

Editor Smalley's Views in Brief.

A private railway carriage rarely comes to an editor, or, rather, goes with him, bearing him through the land in more royal fashion than old Croesus dared to dream about. So it is, that when Editor E. V. Smalley, of the Northwestern Magazine, touches the button and the big iron horse humbly backs and pushes and bumps the lordly palace car onto a siding to rest and await the editor's pleasure as to further progress--then the other journalistic chaps look on on admiringly, though withal a little enviously noting the state in which one in a million of the craft may do the country--when that one has been able to convince the powers that move the wheels of industry that he commands bigger forces than all their money may do alone.

But Editor Smalley called today. Let him do the talking now.

"I crossed this country before the railroad came here. There was not a house where North Yakima now stands, though at old Yakima there were a thousand people. A few farmers had settled up on the Ahtanum and the Natcheez. Even then they felt sure of the remarkable fortune that has become the reality of today.

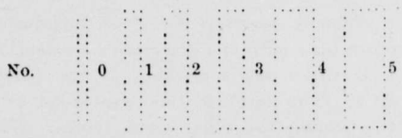
"No I am no tenderfoot in the Yakima country. I have traveled over all the northwest, visiting most of it many times. You have the warmest valley in Washington, east of the Cascades, and your soil in many respects is superior to that of California. Your products cannot be surpassed. The winter apple is my favorite. It is the fruit of fruits. Give me such apples as you produce on the Yakima and the rest of the world may have the oranges.

"Your growth has been remarkable. You must not expect to have a finished country in a year or in five years. The Yakima valley is exciting the talk of thousands of people. Many thousands are coming here in the near future to aid you in the building up of a great agricultural and manufacturing community."

THE BUTTER COW IS THE CHEESE COW.

An old time notion still prevails to some extent that some cows are better for cheese and some for butter. For several years, however, dairy authorities have taught that the best butter cow is always the best cheese cow. This fact has been recently proved conclusively by the dairy tests at the Columbian Exposition. The reason is that by modern methods of cheese-making there is no loss of milk-fat, it is all (but a small fraction) saved and carried into the cheese. The greater proportion of fat in milk (and then in the cheese) the less milk necessary to make a pound of cheese and the better the quality of the latter.

This subject is admirably illustrated by a contribution from the Wisconsin Dairy School The dairy students took six lots of milk, each weighing three hundred pounds, and varying in the percentage of fat contained, and made a cheese from each lot These cheeses were exhibited side by side with striking and conclusive effect. Turned on edge, they looked something like this:



The numbers indicate the per cent. of fat in the milk used; 0 means that all the fat had been extracated with the separator. In the other cases the fat was practically all secured and the cheese increased in thickness and weight accordingly. The last cheese was almost twice as thick as the first one. Rejecting the ounces, which vary with the stage of curing, cheese No. 0 weighed seventeen pounds; cheese No. 5 weighed thirty-two pounds and the others ranged between. Before being cut and tested it was plain that the most milk-fat was the best cheese.

Milk should never be skimmed wholly or partially to make cheese. Full-cream cheese is the best and most profitable Rich cheese requires rich milk. The milk that will make the most butter will also make the most cheese and the best cheese. The best butter cow is the best cheese cow. —Farm Journal.

That it is good policy to "stay in" sheep is shown by the rush of sheep to market. Last year there were nearly a million more sent to Chicago market than in 1892, while cattle decreased 738,000 head and hogs a million.

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