FINE OPPORTUNITY FOR BOOSTER WORK

To exploit the resources and aid in the developing of the American Northwest, Northwest Development League will place a permanent exhibit of the products of the soil, lakes, rivers, forests and mines of the various states in a great display room and show them to thousands of people who pass through and visit the city of St. Paul—the gateway to the northwest territory.

This state has been invited to occupy several hundred square feet of this space without cost as the St. Paul Association of Commerce has entered into a contract with the league to furnish the display rooms in one of the new buildings of that city rental free, if the league will furnish, light and maintain the display. The offer has been accepted.

The plan is simply to show every person who transfers in St. Paul as well as those who visit and live there, a comprehensive exhibit of the products of the following states: Minnesota, North Dakota, South Dakota, Montana, Idaho, Washington and Oregon. The exhibit will be conducted without prejudice, the league publishing uniform information about each state in attractive booklets, distributing them and securing the names of all the visitors which will be furnished the Commercial Clubs and state immigration officials of each state.

"We ought to show from ten to twenty thousand people every month this exhibit—we are sure we will show more than five thousand on the average and during the tourist season as high as thirty thousand a month," says Secretary Will A. Campbell. "More than one hundred thousand people a year, many of them on their way to look over Canada, will get our literature, a lot of personal information, see the exhibit, have their names sent to people who will follow them up and become wise as to what is possible in the American Northwest."

PLYMOUTH ROCKS CHAMPION LAYERS

The Oregon Agricultural College at Corvallis has two hens in the poultry department that have tied for the egg laying championship of the United States. No other experiment station in the country has ever been able to raise a hen with record to equal that of these two, which layed 259 eggs apiece in the past twelve months. The record as heretofore has been held by a hen at the Maine experiment station some years ago, which layed 251 eggs in a year. No other hen has done as well as that since.

One of the birds is a Plymouth Rock and the other a cross between a Plymouth Rock and a Leghorn. The Plymouth Rock layed 27 eggs in the month of October. The cross did not run so high in individual months but she was more consistent, laying over 20 eggs every month except March.

"This is a matter of breeding, feeding and care," said Prof. James Dryden, poultry expert for the department station. "In the same pen with the record Plymouth Rock hen we had one which laved but six eggs, although she was of the same breed, and received the same care and feed. The trouble was in her heridity. She was a poor individual. When we have finished figuring up the records of all the hens in this test we will have some very interesting data for publication in a new bulletin of the experiment station."

To be kept in the house a whole day, by order of his father—such was the stern punishment inflicted upon the German crown prince for applauding criticism in the Reichstag upon the imperial chancellor. The crown prince is 29 years old, but evidently he is not of age. Being a crown prince in Germany means the staying an infant so far as the paternal authority is concerned, until his majesty dies. A high spirited young man must find his position occasionally humiliating. In the present case, however, the crown prince may achieve popularity by showing that he does not always agree with his father.

There is little danger from a cold or from an attack of the grip except when followed by pneumonia, and this never happens when Chamberlain's Cough Remedy is used. This remedy has won its great reputation and extensive sale by its remarkable cures of colds and grip and can be relied upon with implicit confidence. For sale by all dealers.

Alturas is laying seven miles of water mains and the town will soon have a water works system that has long been needed. Three wells have been secured and a pumping engine installed with a capacity of 2,100 gallons per hour. The authorities will test the plant this week and the residents hope to be over the water famine that has retarded the growth of that town at an early date.

PLOWING RECORD MADE AT PURDUE

At Purdue university on the college farm an acre of ground was thoroughly plowed in four minutes and fifteen seconds on the 11th of this month.

Sixty feet of plows and three engines burning a low grade distillate of kerosene did the work. The cost of the fuel was about four cents a gallon.

The plows were arranged in units of five, working abreast and attached to a single frame. The units were so placed that they could be drawn over the roads one behind the other, so as to pass through any farm gate. When they were assembled for work the military movements of "squads on left into line" was followed, until ten sections were formed in one uniform faced line.

This line was oblique to the general direction at an angle of 45 degrees, so as to turn the corners. Then the three engines were hooked on, one at each end and one in the middle.

Behind the plows was a running board, and a system of levers enabled each share to be lifted or depressed, to pass obstructions or to sink deeper into a gully in the field.

At a signal the engines started up together, and a man passed along the running board setting the points. The great device moved evenly along, turning over the lands, and an acre was plowed in four minutes and fifteen seconds.

Previous records were in 1909 at Brandon, Kansas, where an acre was turned in seven minutes and 35 seconds with a fourteen point plow. This was done with a 25 horse power engine.

In mold board plows the largest heretofore used was one with a sixteen point plowing base. Small gang plows have beenh chained together up to 46 in number, but the new giant excels both in size, speed and adjustment. Several hundred farmers and teachers witnessed the test.

FAMOUS OLD FERRY GIVES WAY TO NEW

The Southern Pacific Company's steamer Solano which has ferried thousands of trains every year since 1879 across the Carquinez Straits between Port Costa and Benecia, California, and which has been known all of these years as the largest ferry boat in the world, is to lose its famous appelation. Its successor to the title will be the ferry steamer Contra Costa, now being constructed in the Oakland shipyards of the Southern Pacific. The building of the old Central Pacific railroad across the great west and the steamer Solano are today two of the favorite topics of the California pioneers.

The Solano is not to be retired from service however. Both the old and new boats will carry the transcontinental trains across the narrow straits that separate Carquinez and San Pablo bays.

The Contra Costa, while the general dimensions do not vary materially from those of the Solano, will be slightly larger. It is being constructed of Oregon pine and will be placed in service immediately upon its completion. The length over all will be 43 feet, 4 inches, and the width 116 feet. Its tonnage will be 3800 tons. The most radical difference between this new steamer and the Solano will be the location of the engines. Instead of being propelled by one engine, located in the center of the boat there will be two independent engines of 2500 horsepower each, located below the main deck, one engine for each paddle wheel. Steam will be supplied from 8 dryback Scotch boilers.

There will be four parallel tracks, 12 foot centers, on the Contra Costa. These trackes will be absolutely straight on the deck of the boat, there being no deck houses in the center of the steamer to require a curve as on the Solano. Its capacity will be 36 freight cars and 2 locomotives, or 24 passenger coaches and two locomotives. The present aprons and slips of both Benecia and Port Costa terminals will remain as they now are, the guard lines of the new steamer being identical with those of the Solano. The Contra Costa will be provided with a cafe and bar on the main deck, also a waiting room for local passengers.

Contractors are laying 400 to 500 linear feet of macadam a day on the Central Point Road, according to the Mail Tribune. It is expected that the road will be completed this year.

A large acreage of wheat was recently shown in California under the rays of electric light.