

YAKIMA SENDS ITS FRUITS

Also Alfalfa and Spuds Are Here from Wonderful Valley.

BEE INDUSTRY IS PROFITABLE

Photograph Shows of Loaded Apple Tree, Fifty Years Old, Planted by Catholics at White Swan Mission.

The valley of the Yakima, Washington, rich beyond calculation in its natural resources, is represented at the Omaha Land Show by a big booth in the southern part of the Coliseum. This exhibit is in charge of four men—H. Morgan, A. T. Reiss, Lloyd Miller and W. S. Hunt. It was sent by Yakima and Benton counties and includes all the products of the counties, selected at random from among the farmers.

Several commercial clubs of Yakima valley towns joined forces to present their products to the patrons of the Land Show and later will send the same man with other exhibits to the Chicago show. In addition to the numerous farm products shown, a series of large photographs of industries and localities in the valley are exhibited. The bee industry is a profitable one and extensively followed, thousands of colonies being located in Yakima and Benton counties.

Sacramento Land Products Are Shown

The Sacramento valley, "land of bloom and beauty," is described, and products from it are exhibited at the Land Show by the Trowbridge-Bolster company of Omaha, who have gathered a rare collection of wines, fruits, grains and grasses and have literally smothered the booth they occupy in the center of the huge Coliseum.

Every occupation carried on in the valley is described and illustrated with elaborate photographs and free literature, which is being distributed to the visitors. Statistics on the production of the land, the expense accompanying irrigation, planting and harvesting of crops have been prepared and are being given to those interested.

Training Virgin Praire Sod by Means of Modern Machinery



THREE GANGS OF PLOWS DRAWN BY SEVEN HORSE TRACTORS BREAKING 100 ACRES OF PRAIRIE LAND A DAY.

None of the exhibits at the Land Show is attracting more attention than the great gas traction engines which are playing so important a part in the development of the west. Every farmer, every land man, everyone who is interested in the opening up of the thousands of acres not yet put under the plow, realizes what these great engines mean in the work of transforming arid acres into fertile fields and making the bare prairie to blossom like the rose.

The remarkable illustration accompanying this article shows three of these engines at work on a tract of 22,700 acres in Cheyenne county, Colorado. These three engines have broken this season more than 5,000 acres of tough prairie sod, averaging better than 100 acres a day. Each engine pulls ten 14-inch plows, and the three turn over a combined furrow width of thirty-five feet. An automatic self-steering device makes it possible for one man to run both engine and plow.

An exhibition of plowing by these machines will be given at Thirtieth and Spencer streets this afternoon.

Strange to say, it is only within the last decade that many farmers have awakened to the fact that horse traction is a very expensive and inefficient form of power. For so many years the farmer has been used to caring for his horses that he has come to take the labor and expense as a matter of course, not realizing that the average annual cost of maintaining a farm work horse is approximately \$60 and that all he gets out of the animal in return is three hours of work a day throughout the year. It is only within the last few years that farmers generally have begun to realize what heavy expenses they are under in housing, feeding and taking care of their horses through the long winter, when they are doing practically no work, in order that they may have them when the season of active work begins. There is a good deal of work in caring for a

horse, if it is properly cared for, and there must be men to do it and these men must be housed and fed and paid.

The modern gas tractor, when it is not working, requires no care no attention, and absolutely no expense can be charged to it other than interest on the investment and depreciation, both of which should also be charged in figuring the expense of horse traction—but seldom are. The tractor stands silent and cold in its shed all winter long, unless it is desired to use it for sawing wood or some other form of stationary work. At a turn, of the crank it is ready to do the work of thirty horses. The moment its motor ceases to work the expense, other than interest and depreciation stops absolutely.

In considering the value of a tractor, the first point in its general utility or the all-around service which it performs. The tractor, for instance, which can be used only on hard, firm ground, as in breaking, or for stationary work, such as threshing, is an expensive investment for the farmer, because he must keep a large number of horses throughout the year in order to do the many other kinds of work. The modern gas tractor, with its light weight and high wide wheels, can travel, with ease over soft ground and can, therefore, be used in drilling, harrowing, discing and harvesting, in addition to the heavier work of breaking and threshing; it, therefore, provides the farmer with a portable power plant with which he can do practically all his work and which enables him almost entirely to do without horses.

In farming, as perhaps in no other business, almost everything depends upon doing things at the proper time and getting them done quickly. Horses can do only so much, and the farmer can work his horses only so many hours a day. The engine owner can work his engine night and day if he wants to, plowing fifty to seventy-five acres every twenty-four hours, and keeping it up without

fear of tiring his engine or wearing it

out. It is just this particular that the modern gas tractor is worth so much to the farmer. The greatest value is not in its ability to do his plowing and other farm work at a much lower cost than that of doing it with horses, but in the fact that it enables him to do his work just when he wants to do it, and to get through with it quickly, while soil and weather conditions are just right. The modern gas tractor of thirty-horsepower will break from twenty-five to forty acres a day, stubble-plow twenty-five to fifty acres, harvest sixty to 100 acres.

Furthermore, the tractor enables the farmer to perform two or three different operations in one trip across the field—that is, to pull several different implements, one behind the other. Farmers frequently plow, harrow and drill at one operation. With four ten-foot drills and

Distillate Engines Run at High Speed

Silent, high-powered distillate engines, running at high speed, have been placed on a linoleum floor at the Land show in the center of Machinery hall by the Alamo Manufacturing company of Hillsdale, Mich., and the display is attracting hundreds of Land Show people daily to an investigation of the efficiency of the Alamo crude oil machines.

F. M. Beeson is in charge of the exhibit and assisting him is "Buster" Brown, an expert from the factory and one of the inventors of the Alamo engines.

The lights for the exhibits at the hall are secured from this exhibit, which also operates four moving picture machines used by the lecturers in illustrating their descriptions of the western and middle western states.

two twenty-foot drags behind, two men can drill and drag 100 to 150 acres a day at less than 20 cents an acre.

With the modern gas tractor the farmer can plow as he never could with horses. Plowing is tough work for horses at best, and the farmer has a natural disinclination to overwork them by throwing his plows in as deep as he would if he had no regard for the source of his power. The tractor owner has no compunctions on this score; he can "sock 'em in" good and deep, with no fear of tiring his engine or wearing it out. Furthermore, he can take the time to plow more thoroughly, because he can cover so much greater an area in a given time. The tractor enables the farmer not only to plow more deeply and to do his plowing in less time, but also to get his threshing out of the way earlier and thus turn to his fall plowing earlier.

In a word, the modern farm tractor does away to a large extent with the

which has attracted more than the usual attention given by the layman to a machine demonstration is a moving picture apparatus. This machine is of six horse-power and is one of the most economical and perfect moving picture mechanism ever invented.

A thirty horse-power distillate engine, operating under full load, on a seventeen and one-half kilowatt generator, on a pint of fuel per horse-power hour, is another demonstration of Alamo efficiency given Land show visitors.

Perhaps none of the other machines shown by Mr. Beeson is calling forth so much approbation as the five horse-power engine which operates a four-inch centrifugal pump and circulates water over a space to show an ideal irrigation system. This last exhibit was completed Monday afternoon. All generators used on the Alamo space are of Westinghouse manufacture.

The Key to the Situation—The Bee's Living Columns.

ENTERTAIN MANY TEACHERS

Five Thousand Visitors Will Be Here During the Convention.

CADETS WILL ACT AS GUIDES

Committees Have Been Appointed to Meet and Take Care of Delegates Who Will Come in Swarms Next Month.

Arrangements for the comfort and entertainment of the 5,000 visitors who are expected here when the annual convention of the Nebraska Teachers association begins, are rapidly being formulated by Superintendent of Schools E. U. Graff, who is at the head of the committee on arrangements. Mr. Graff is planning to have the high school cadets patrol the city in uniform during the three days that the convention is in session, to act as guides and furnish information to the visitors.

Three committees have been appointed from the ranks of the local school teachers by Superintendent Graff to meet the delegates at the depots and to direct them to the hotels. With the arrangements being made by Publicity Manager E. V. Parrish of the Commercial club the meeting here will doubtlessly eclipse anything of the kind ever held by the association.

If you have anything to exchange, advertise it in the Omaha Daily Bee.



Weak Heart

Many people suffer from weak hearts. They may experience shortness of breath on exertion, pain over the heart, or dizzy feelings, oppressed breathing after meals or their eyes become blurred, their heart is not sufficiently strong to pump blood to the extremities, and they have cold hands and feet, or poor appetite because of weakened blood supply to the stomach. A heart tonic and alterative should be taken which has no bad after-effect. Such is Dr. Pierce's Golden Medical Discovery, which contains no dangerous narcotics nor alcohol.

The ingredients, as attested under oath, are Stone root (Collinsonia Canadensis), Bloodroot (Sanguinaria Canadensis), Golden Seal root (Hydrastis Canadensis), Queen's root (Sillitago Sylvania), Black Cherry bark (Prunus Virginiana), Mandrake root (Podophyllum Peltatum), with triple refined glycerine, prepared in a scientific laboratory in a way that no druggist could imitate.

This tonic contains no alcohol to shrink up the red blood corpuscles; but, on the other hand, it increases their number and they become round and healthy. It helps the human system in the constant manufacture of rich, red blood. It helps the stomach to assimilate or take up the proper elements from the food, thereby helping digestion and curing dyspepsia, heart-burn and many uncomfortable symptoms, stops excessive tissue waste in convalescence from fevers; for the run-down, anemic, thin-blooded people, the "Discovery" is refreshing and vitalizing. Stick to this safe and sane remedy, and refuse all "just as good" medicines offered by the druggist who is looking for a larger profit. Nothing but Dr. Pierce's Golden Medical Discovery will do you half as much good.

.....VISIT THE..... WILLAMETTE VALLEY EXHIBIT -AT THE- LAND SHOW and see what we grow, then come and see us and let us tell you all about the country. We are here to serve you. The World Investment Co. 804 BRANDEIS BLDG., OMAHA NEB.

Now is the Time to Select the Location for a Farm Home

The products from every state in the west are represented by samples shown in the booths of these states at the Omaha Land Show, and you are there given the opportunity to look them over and decide just what section is best suited to your requirements. Purchase price of land and crop yields are important items and you can secure this information at the booths. Remember when looking over the exhibits that the states showing the best crop yields and the highest quality of grains, fruits, grasses, etc., are found in the

UNION PACIFIC COUNTRY

Nebraska, Kansas, Colorado, Wyoming, Utah, California, Idaho, Oregon and Washington.

The lecture program today includes two illustrated talks by Wm. Bruce Leflingwell, author, traveler and lecturer, both to be given in Lecture Hall "A."

4:30 p. m.--"Development of the West."

9:30 p. m.--"Yellowstone National Park"

Dr. Frederick H. Milloner will give his demonstrations of the Wireless Telephone in the

UNION PACIFIC BOOTH

"Stop" at the Booth Showing the Electric Block Signal