Starting with 8 Ayrebires, 4 Holsteins, 11 Jerseys and 4 Guernseys in 1915, the O. A. C. dairy herd has Ever try selling that pig or cow or grown to 97 females-Ayrshires 37, old plow or thousand baby chicks by Holsteins 20, Jerseys 23 and Guern- an ad in the local paper? asks seys 17. This is one of the largest George W. Kable. Benton county herds owned by any of the state col- agent, of his Farm Bureau news read-Brandt, head of the dairy depart- get your wants before the public. It's Blue mountains south and east of ment, "an essential part of agricult- a good thing to watch the ad columns ural college equipment. This herd of the home paper, too, for some good affords an excellent opportunity for bargains are often found there. Every standing back of this great industry." know you will never know unless you The gain all resulted from natural in read the home paper. We say this crease with the exception of the because we believe it and because the Guernseys, part of which were the papers have always been 'Johnny-on-

COLLEGE DAIRY HERD GROWS | ported by sale of milk and surplu-

HOME PAPER AD SELLS IT

"It is," says Prof. P. M. ers. "It's a cheap and easy way to investigations to solve the problems farmer should subscribe for the miles or so flows through a canyon of the dairymen and in training stud- county paper. Many news items, not. fifteen hundred to two thousand feet ents to fill the ranks of the men ices and local events you ought to gift of W. B. Ayer. The herd is sup- the pot' in aiding the farm bureau."

### JOHN DAY PROJECT AN AID TO DEVELOPMENT

The John Day river rises in the Heppner and flows in a westerly direction for half its length and then turns abruptly north and for seventy deep to the Columbia river. This canyon is one of the deepest and most rugged of any in the west, and the fall of the river is slight, two conditions warranted to make diversion of the water for brigation a stupendous

one half of to two times the mean rearly flow, so that for the complete se of the water large storage res ervoirs will be required. The discharge is sufficient to irrigate three hundred and fifty thousand acres, ansuming complete regulation of the

The land to be irrigated comprises various small tracts west of Willow creek, and the entire body of land between Willow creek and the Umatilla river, and south of the Columbia river not yet irrigated. The southern limit is as yet undetermined, but will between the elevations or seven and twelve hundred.

This land has been examined by many engineers and soil experts from time to time. Opinion was divided cessfully irrigated land in this vicinity of far less desirable character than any on this tract, there is ample evidence to support the statement that barring certain scab land the is desirable. It is generally smooth with natural drainage channels and good soil, yet sufficiently rolling to make a far more attractive project in many ways than a flat or sloping plane. In fact better land does not exist in the north-

land, and the character of the climate almost semi-tropical, needs no comment, and the value of irrigation is too well established now to require emphasis, but it is desirable to attempt to indicate the tremendous effect and value that the irrigation of such a tract will mean.

It means the liberation of great natural forces almost beyond our power to realize, and in some cases to communities is the first and least important effect, yet that alone will mean an activity in many lines of business at present undreamed of, and will effect indirectly at least every man in the immediate and adjacent territory beneficially. It will mean also an intimate knowledge of heavy construction such as is rarely tue and stimulous, particularly to the younger generation.

Development of the land will require perhaps fifteen thousand families, and will mean a direct and indirect production impossible to forsee, and the development of numerous industries ailied with agriculture and stock raising, and the improvement and extention of transportation of all kinds. Agricultural production alone should reach within ten years \$30,000,000 annually-a short period for the development of so large a project but not unreasonable, in consideration of the increasing value of irrigation ,and this proect in particular.

This development is almost akin to adding a new state to the Union, and the increase of population and financial power will have a very wide effect on all of Oregon, particularly the eastern portion. It will mean much earlier development of the latent power in the Columbia and other ivers and untimate electrification throughout a wide area.

Public opinion will aid in starting fals work and the city of Portland can in particular be of great aid. Portland is a world port, yet in a very large measure is dependent for Its growth and prosperity on the development of the interior. A large proportion of all production on this project will find its way to that city, for distribution and export, and a dollar produced here will probably mean a dollars worth of business there. The application of the John Day siver to this desert sand will be miraculously productive. Why allow this land to slumber longer. It can he made of more value to Portland than many packing plants or many

saw mitts. Within and adjacent to the project are many fine towns. They will be the first to benefit, and in some instances growth will be very great. This will mean better public buildings and schools, banking expansion merchantile growth.

At present this desert which it is proposed to irrigate, will pasture but

the winter. Probably the stock in- bage, tomatoes, peppers and eggplant. peppers should be transplanted to the dustry will receive a greater impetus under this development than any.

GARDEN VEGETABLES

table garden, points out A. G. Bou- paper pots in a hotbed. quet, professor of vegetable garden-

ture spring weather," says Professor seed bed and later transplanted. Bouquet, "Such vegetables as onion

produce an immense amount of excel- This is also hot bed time which calls issed. lent fall pasture, and ample feed for to rthe sowing of such seeds as cab-

ing season, which calls for sowing plants. Another sowing of sweet corn carrots, onions, beets, chard, the sec- and late beets, and carrots for win (E. I. Davis, Engineer, Hermiston, PLANTING SEASON GIVEN FOR ond planting of lettuce, radishes and ter should also be made. Lettuce peas, and new asparagus and thu- should be sown at this time to give barb beds. It is the season for sow- a supply in late summer." Now is the time to start the vege- ing celery in hotbeds and melons in

"The next seeding time is May 8 to ing at the Oregon Agricultural col- 15, after frost. Beans, sweet corn, parsnips and salsify may be sown and "Early vegetables that can be lured late cabbage, Kale, cauliflower, and speak to her friend. The ornaments in above ground will not b churt by fu- broccoll, may be seeded in the open their bonnets became fastened togeth-

sets, turnips, spinich, lettuce and rading season. The tomato plants may resente. ishes will germinate easily under be transplanted, another seeding of present ocnditions. Half a dozen early lettuce made, and the seedings of pole |

The New Ford Truck

stock, and development will crops can be planted in early March. beans and the squash family be fin

"About June 10 the egg plants and "April 15 begins the second plant- field, and possibly some early celery

Bound by the Bonnets.

She was a refined old lady and her friend sat near her in the church on Sunday morning. She leaned over to er and they couldn't get them apart "May 20 to 25 is the fourth plant- until a nearby woman came to the By this time the congregation was all smiling, and it is needless to say how embarrassed the old ladies

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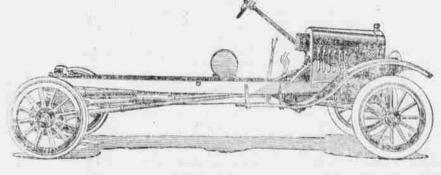
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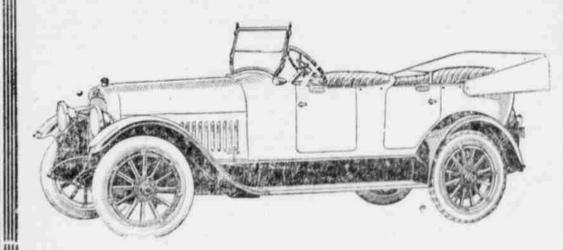
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