

Did You Know That Salem Will Grow Just as Fast as She Develops and Uses Her Great Water Powers and Vast Water Resources?

JERSEY TOURS AND SHOWS NEXT WEEK

Marion's Show Comes on Wednesday, Polk's Tour on Thursday

One of the biggest annual events in Polk county each year is the Jersey celebration put on under the auspices of the Polk county Jersey Cattle club and scheduled to take place this year on next Thursday, the 24th. For the past eight years there has been an annual jubilee held in the several counties for the purpose of celebrating the achievements of the great families of Jersey cows found in the Willamette valley, and in which Polk county has regularly been one of the leaders.

At times the jubilee has taken the form of a central show, but this year it has been voted and planned to hold a tour which will give everyone an opportunity to see several of the excellent Jersey herds of the county in their entirety, while at the shows they were only given an opportunity to view a few of the more typical animals. Polk county has had and still has many of the outstanding individuals of the breed, and most of these will be visited on the tour Thursday.

Many Visitors Coming
Invitations have been sent out all over Oregon and into Washington and Idaho to those interested in the Jersey breed, and judging from past attendance Polk county will have a great many visitors on that day. The Jersey cow is the strongest foundation block in our system of agriculture here in Polk county, and it behooves everyone to aid in advertising her in every possible manner.

A special invitation has been extended to the business men of all the towns in the county to make this tour and in Independence, Monmouth and Dallas a special effort is being made to get up delegations to go on the tour.

Because of its location on the main highway, Monmouth has been chosen as the starting place, and everyone going will be urged to be at Monmouth at 8:45 next Thursday morning. Leaving Monmouth promptly at 9 o'clock, a short drive of two miles will be made to the M. N. Tibbles farm. On the Tibbles farm is one of the unique and forward steps started by Polk county breeders. Here Mr. Tibbles has cows from several other farms for the purpose of putting them on official test, and at the present time these include individuals from the C. L. Bush and H. S. Portland herds.

Leaving Tibbles' at 9:30 the next stop will be at Harry Iliff's farm, where many world's records have been made in recent years. Leaving the Iliff farm at 10:15, a jump to the L. A. Hulbert farm south of Buena Vista will be made. Mr. Hulbert is one of Polk county's newer breeders and has a fine herd of some 25 or 30 head.

At 11 o'clock the caravan will journey to Jess Johnson's near Elkton, where in addition to Mr. Johnson's herd the Elkton Jersey Calf club will have some of their animals from the Fred Scholl farm on display. Just before the noon hour they will make the short drive to Frank Loughary's where lunch will be eaten and the Loughary herd inspected.

The Noon Luncheon
Everyone will bring his own basket lunch, but the Polk county Jersey Cattle club will furnish ice cream and coffee. The Loughary farmstead offers an excellent setting for a picnic luncheon. The departure from the Loughary farm will be made at 1:20, with the next stop at Claude Hoisington's farm on the Lewisville-Dallas road. Mr. Hoisington is another one of Polk county's promising breeders and has a fine herd started.

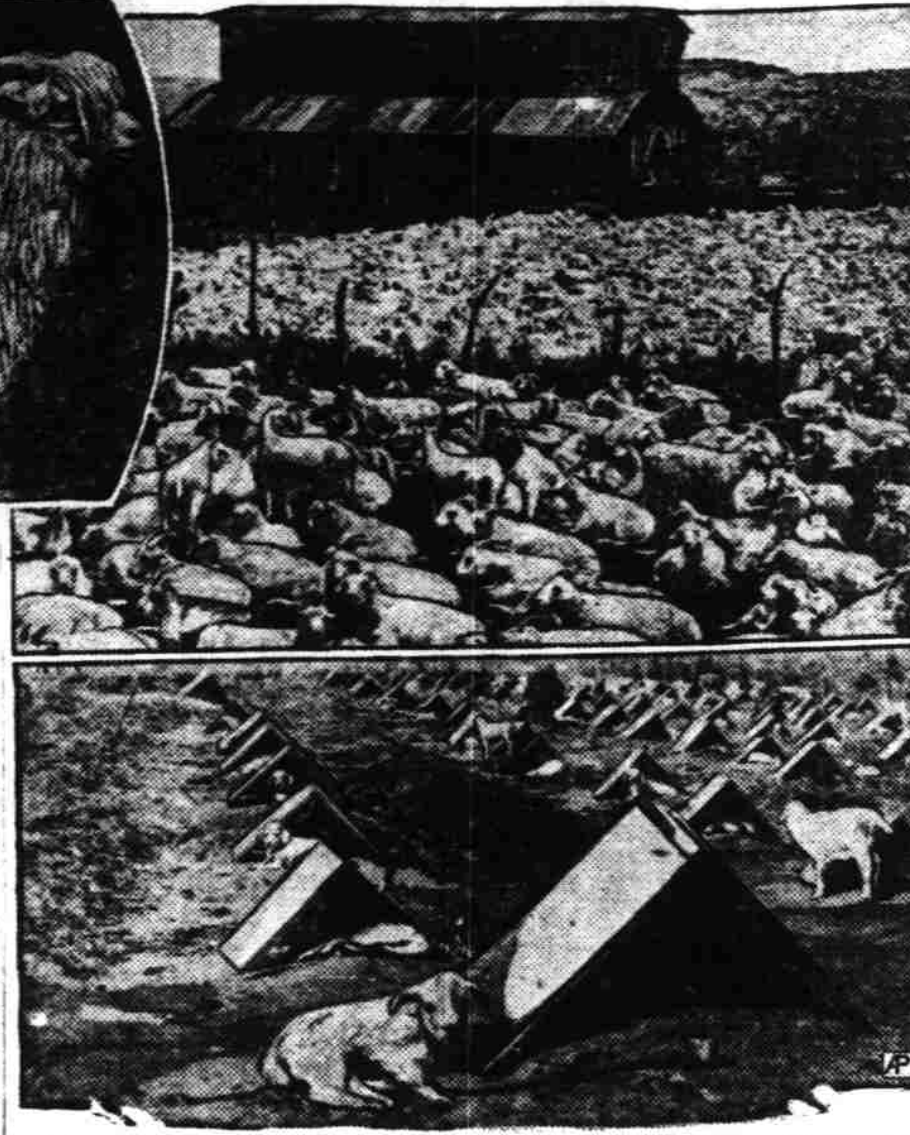
The longest jump of the day will then be made to the Henry McKee farm of Perrydale, where the largest herd of registered Jerseys in Polk county is to be found, consisting of about 80 head. Leaving Henry McKee's at 3:10 the next stop will be at his neighbor's, Frank Lynn, whose herd is always a source of interest. Leaving Frank Lynn's at 3:50 the last stop will be made at the S. H. Robison herd near Rickreall.

The committee, consisting of H. D. Iliff, G. G. Hewitt, S. H. Robison, and J. R. Beck, has been working with the officers of the State Cattle club and the surrounding counties in making next week one of outstanding importance in the Jersey world.

A tour such as has been planned, visiting many of the famous animals of the Jersey breed on nine of Polk county's most prominent farms in almost every section of the county, should certainly prove a highly successful event, and the Jersey people urge the attendance of everyone interested and the inviting friends from adjoining counties.

In the Other Counties
On Monday there will be a tour in Lane county, familiar to the one in Polk.
On Tuesday, there will be a show, at the fair grounds in Albany, for the Linn and Benton county Jersey breeders.
On Wednesday, the Marion

THE ANGORA GOAT RISES TO VERY IMPORTANT PLACE IN THE LIVE STOCK INDUSTRY OF THE UNITED STATES



SAN ANGELO, Tex., May 19.—(AP)—Far from his native land the Angora goat has risen to a position of eminence in the American livestock industry.

Despite numerous handicaps placed in the way of importing breeding stock until 1923, American growers, by selective breeding, have developed herds which are described by the department of agriculture as "second to none in vigor, uniformity, weight of fleece and character of hair."

Although the very existence of the breed in this country is unknown to many Americans, millions of these striking and valuable animals are being raised and are producing about 10,000,000 pounds of mohair a year for the domestic market. In addition, they have been useful in clearing brush from cutter land, and efforts are being made to increase their acceptability as meat animals.

"Unique in his enjoyment and utilization of what would otherwise be waste forage and browse," department experts assert, "the Angora goat has no peer in many respects among the profitable animals of our country. By choice a dweller in desert and brush land clothed in the fine raiment he gave to monarchs of old, the Angora has 'conquered by endurance.'"

"With millions of acres in the United States adapted to goat raising and with our Angora breeders constantly increasing the shearing qualities of their goats and perfecting the type of hair, Americans should not stop short of producing all the mohair produced by the manufacturers."

Asia Minor is the original home of the Angora goat, and for many years an edict of the sultan of Turkey prohibited its exportation. Nevertheless the mohair-producing industry has expanded until South Africa, which also maintained an embargo on exports until 1923, and the United States have become the other most important centers.

Texas is the leading goat raising section of this country, with about 3,000,000 head on its ranges, more than half of the nation's total. With mohair bringing 85 cents a pound and the goats producing from three and one-half to four pounds of fleece a year, the Texas

The Angora goat (left) is flourishing in the United States, far from the land from which he sprang. At the right is a view of a large goat ranch with good range in the background. Below is a group of A-shaped kidding boxes on a Texas ranch.

herds are growing to such an extent that the necessity of providing sheds to protect them from the cold after the semi-annual spring shearing has caused something in the nature of a building boom on the ranches.

The rest of the southwest is second only to Texas as a goat producing region. The Willamette valley in Oregon also has carried large numbers on separate farm-clearing projects and still has excellent breeding herds, while elsewhere in Oregon and Washington vast areas of logged-off land are adapted to goat grazing. Other herds are thriving in the Ozarks of southern Missouri.

UNCLE SAM'S BEST SELLER SOON READY FOR 500,000 FARM HOMES

WASHINGTON, May 19.—(AP)—Uncle Sam's "best seller" will soon be in the homes of a half million farmers.

The 1923 yearbook of the department of agriculture, a 1,200 page volume of short articles covering the progress in agricultural science and practice, is in the process of printing and will be distributed in about a month. The yearbook, edited by Nelson Antrim Crawford, has the largest circulation of any book issued by the government. Farmers throughout the country will receive 420,000 copies from members of congress and officials of the department. Additional copies will be sold by the government printing office.

NELSON ANTRIM CRAWFORD

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Latest developments in practically every phase of agriculture are described in the book, which contains 300 articles written by experts of the department. Particular emphasis is placed on recent discoveries and practices which will assist farmers in coping with crop readjustment and marketing problems. Considerable space is devoted to statistics on production and on market and farm prices.

The publishing of the 500,000 volumes is a colossal printing job. A battery of 100 linotype and monotype machines and 4,000 employees of the government printing office are engaged in turning out copies. Approximately 30,000 reams of paper are required. At 40 pounds per ream, the total is 1,200,000 pounds, or more than 40 carloads of paper. For the binding of the books, 65,000 sheets of binder board weigh-

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COLLEGE HINTS ON VERY LATE CROPS

Few crops for this year can be successfully grown at this late date of planting. Corn for silage or grain offers the best promise for planting between now and June 1 on the large amount of low lying land in western Oregon that is still not planted, believes Professor Hylop, chief in farm crops at the Oregon Agricultural college. Early maturing varieties like Minnesota 13 or Golden Glow are preferred for grain. Later maturing varieties like McKay Dent offer more promise for silage.

Following Clover
Following in" clover offers a good way to use some of the heavier lands in the Willamette valley that are still unplanted because of the late season, says the experiment station. The best method is to disk down the heavy growth of grass and weeds before plowing. It is important that the seed bed be worked down to a firm condition by disking and rolling to insure a supply of moisture near the surface.

After the soil has settled and there have been some light harrows to kill weeds, clover may be sown alone or with dwarf Essex rape, any time from the middle of May to the latter part of June. If the land is loose, seed is covered with a corrugated roller. It usually pays to inoculate seed on land where clover has not been successfully grown. An application of land plaster worked into the land previous to sowing is frequently very helpful.

More Late Hints
If any of the spring grains are to be planted on land yet to be plowed, the heavy growth of grass, weeds, etc., are generally disked in before plowing. This practice avoids the usual drying out of the surface. Corn is probably the most promising of the grain crops for planting on land that has not yet been plowed. Buckwheat is also a late planted cereal with some possibilities.

Much weedy and grassy alfalfa could not be cultivated this spring in western Oregon. Usually it is not safe to cultivate between the first and second crops because of injury to the new buds of second growth. Where such cultivation is necessary, the best time is between the second and third crops. In the opinion of the experiment station:

BEES ATTACK MOTH, FOE OF APPLE CROP

FORT COLLINS, Col., May 19.—(AP)—An army of winged defenders will go to war against the codling moth when this enemy of the apple crop invades Colorado orchards this spring.

A species of small bee is to take the hero role in this aerial attack. It is a natural foe of the moth, which it attacks in the egg stage. Normally the number of these parasites is small when the eggs of the moth are most numerous. So a great army of bees is being produced in a laboratory at the Colorado Agriculture college. The parasites were turned loose at the rate of 250,000 to 500,000 a day throughout the orchard country after May 15.

Although William P. Yetter of the state entomological department assembled only a few thousand bees as the parent stock, he hopes to mobilize millions by means of propagation in the laboratory, as the life cycle is only eight days under proper temperature conditions.

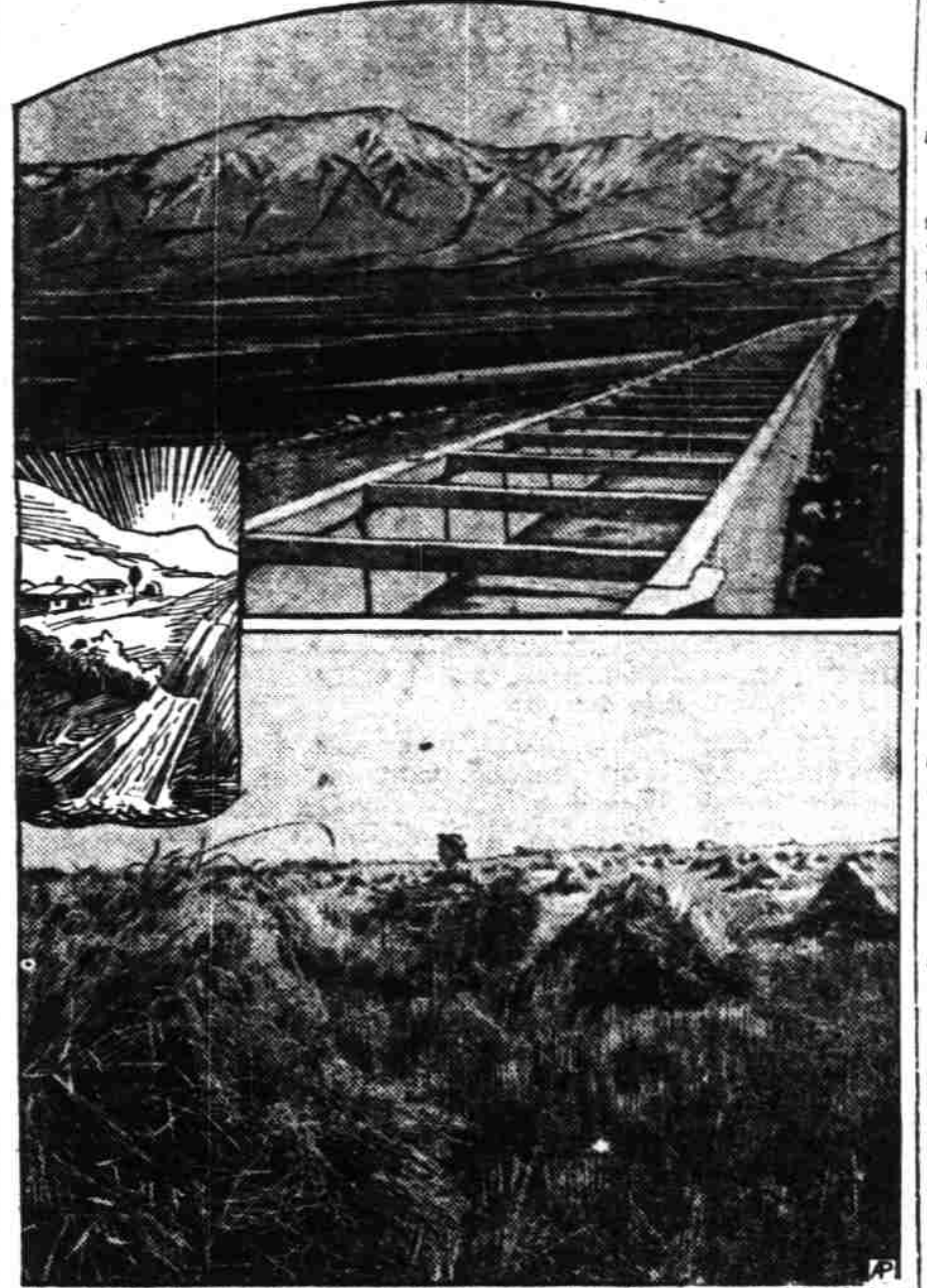
Parasites which attack the larvae instead of the eggs of the codling moth have been used with only partial success in controlling the pest.

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IRRIGATION PROJECTS ADD A TOTAL OF \$133,000,000 TO VALUE OF CROPS



Land which was almost worthless two decades ago produced last year \$133,207,210 worth of farm crops under irrigation, the federal bureau of reclamation says. Above is a typical irrigation project in Strawberry Valley at Spanish Fork, Utah. The homestead below, dotted with wheat shocks, was covered with sage brush two years before.

WASHINGTON, May 19.—(AP)—\$131,364,739 in 1922. They dropped to \$110,414,940 the following year, owing largely, the bureau says, to the slump in the price of cotton.

Crops, livestock and marketing conditions on the irrigation projects at the close of March this year were reported to the bureau of reclamation as being generally satisfactory. Conditions varied because of geographical location, but on the whole the report indicated no serious slump was indicated for this spring.

The bureau is attempting to introduce methods and practices in its projects which will more effectively attract worthy and competent farmers, create conditions which will insure the health and comfort of their families, and provide incomes needed to create a comfortable living and pay irrigation charges.

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SUBSURFACE POOLS KEEP WELLS FILLED

LOS GATOS, Cal., May 12.—(AP)—An ingenious scheme in progress here to keep farm wells flowing throughout the dry seasons.

The plan is based on the theory that long, low dams, built in a semi-circle across hillside streams, will check the flow of surface water long enough to force it into underground gravel beds from which it will percolate slowly and constantly into wells on the farms below.

Considerable study has been given the project by the Los Angeles flood control commission. Wells are of paramount importance to agriculture in this region. The topography precludes any great amount of water storage on the surface, and the farmers must depend on wells for their domestic and irrigation needs. Through their own organizations, farmers already have constructed low dams in several creeks where they emerge from valleys bordering on the mountains. The dams are only a foot or two high, but are built very long that they may form pools. Thus, the water from heavy rains that once ran away is controlled and utilized.

Favorable results are reported from a dam built a year ago in connection with the attempt at sub-surface storage, and if an increase in the water supply is apparent after the ensuing dry season, many more such dams are expected to be constructed.

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