

LANE COUNTY CAN GROW GOOD CORN, DECLARE EXPERTS

Lane county can grow good corn profitably says the experiment station at Corvallis. Much corn is shipped into Oregon from the central states and Argentina. Last year, 2000 cars were shipped into the north-west for stock feed, yet the yield of corn in Oregon for an acre is greater than the best yields of winter and spring grain grown.

The corn crop furnishes a cultivated crop in the cropping system of the farm. A cultivated crop is one essential for profitable utilization of land, labor, and plant foods not used by grain crops. Cultivation decreases the weeds and diseases common to Oregon soils. It also improves the structure and aeration of soils, conserves moisture, and makes it possible for more plant food to become available.

For best results, corn is planted when the soil is dry and warm enough for prompt germination, usually from the middle of April to the middle of May. Eight to 12 pounds of seed are used to the acre. Corn requires a long growing season in Oregon. In 1924, a large amount of very good seed corn was harvested in eastern and western Oregon.

SOIL STIMULATED, ENGINEER THINKS

(By NEA Service.)
BOSTON, Mass., April 11.—The high-frequency radio energy that is being broadcast constantly over the United States may prove a boon to farmers in improvement of their crops.

Such is the belief of a Boston electrical engineer who has been observing the effects of electrical energy dissipated by wires over and under ground, on the growth and yield of plants.

"In the not far distant future," he says, "radio may prove to be of more practical benefit to agriculture through stimulating the yield of fruits, vegetables and other farm products."

The engineer makes this deduction from observation of experiments in the stimulation of plant growth by electricity.

Cost Is High
"For many years," he says, "experiments have been carried on both in this country and England with various methods for aiding crop growing by electricity. In England it appears to be chiefly along the lines of overhead wiring."

The chief deterrent to adoption of this method on a commercial scale, has been the cost. The advantages in stimulating growth and increased yield were not sufficient to offset the cost.

Another method of plant stimulation is to put wires into the ground, coat the seed, with a finely divided non-deteriorating metal and drive a high-frequency current through the wires.

"There is a general belief that the principal effect of electricity in the soil is the addition of nitrogen to the soil," the engineer explains. "As we go nearer the tropics the precipitation of nitrogen to the earth by the natural electrical disturbances in the atmosphere becomes increasingly heavy and vegetation becomes more abundant."

"It is therefore a natural assumption that artificial discharges of electricity, either through the air or through the soil, will react in the same manner."

From this he concludes the high-power, high-frequency currents transmitted through radio aerials might help plant growth in the vicinity of these aerials.

"We may look forward to the increased yield of plants in such areas," he says, "as well as a more quickly completed cycle and a constant stimulation of the plant resulting in a healthy condition, permitting a stronger resistance to the encroachments of fungi and other enemies."

Plans Are Laid to Observe Birthday of English Bible

WASHINGTON, April 11.—(AP)—The Bible "will completely outstrip all other best sellers," Dr. Samuel McCrea Carter, general secretary of the Federal Council of Churches, said today in a statement calling attention to the 400th anniversary of the first translation of the new testament from Greek into English, to be observed this year.

Only one copy of the English Bible, printed by William Tyndale, its translator, is extant, the statement said, and it is at Bristol, England. Tyndale's life and work will receive special attention during the observance, which will bring forth exhibits of rare biblical editions by university and public libraries.

"Tyndale's work shaped the whole course of succeeding translations. From the famous Coverdale Bible to the King James version in 1611," the statement continued. "Pastors and Sunday school workers are being urged by the council to stress the importance of this anniversary throughout the year. The translation of the Bible from the original tongue, Tyndale's heroism and martyrdom and the power of the printing press are subjects for discussion."

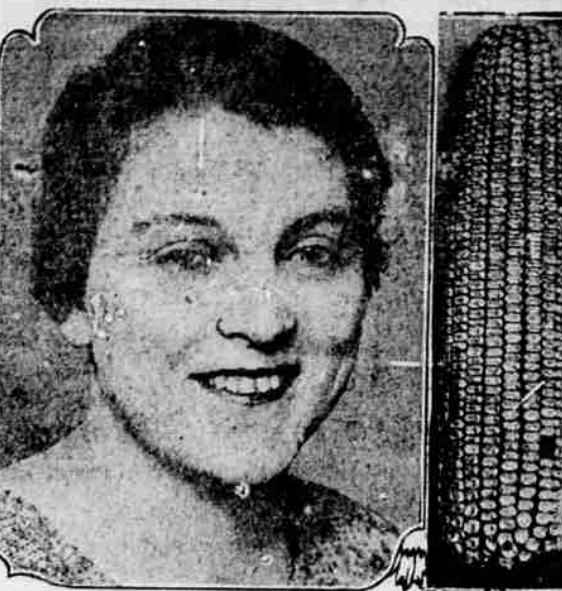
The International Council of Religious Education, Chicago, is promoting interest in the movement, as are the American Bible society, the American Library association, and the National Association of Book Publishers.

Sanitation Important
Check-louses can be checked considerably by keeping the poultry in sanitary surroundings. Sanitation prevents disease.

The Radio-baseball fan is soon to come into his own.

EAR OF CORN DRAWS \$1000 AWARD

Huge Prize Goes to a Woman; This Time It's an Illinois Woman Who Takes the Laurels—and the Cash



Mrs. Elsie M. Pulaska and her champion ear of corn.

(By NEA Service.)
CHICAGO, April 11.—Another triumph for the women of America! This time it is Mrs. Elsie M. Pulaska of Waverly, Ill., who cops the laurels.

She has just been awarded a \$1000 prize for producing a champion ear of corn.

The ear was declared to be 100 per cent perfect by judges at the National Seed Corn show here.

Mrs. Pulaska's corn was selected as the best ear from a field of 30,000 entries in the contest. Forty-six

states were represented.

The winner was presented with a \$1000 check at a "corn banquet" here by Julius Rosenwald.

A bit of rural romance was revealed with the announcement of Mrs. Pulaska's good fortune. She was notified that she had won the contest on the fifth anniversary of her marriage.

When she and her husband married and started farming in Morgan county, Ill., five years ago, there was only \$25 in the family treasury.

Now they have a 100-acre farm.

that carry the herds, the places where they farm, and other scientific data bearing on them.

This service dates from 1914, following the signing by 13 powers interested in transatlantic navigation of a convention, which provided for "an international derelict-destroying, ice-observation, and ice-patrol service."

The sinking of the Titanic by an iceberg in 1912 really initiated the movement and coast guard officers point with pride to the fact that since the ice patrol was established, no lives have been lost because of icebergs in the ocean lanes of the North Atlantic.

Short Cuts

MAKE a box-type loop with four celluloid or wood coat hangers and two strips of wood each 24 inches long. A coat hanger is screwed at the middle to the ends of the wood strips. The two strips are notched in the middle and mortised so each strip will be at right angles to the other. Use 100 feet of single lamp cord for the inductance.

Make your set tune to the longer wavelengths by hooking a coil of 20 turns of No. 20 wire in series with the aerial or by connecting a .0001 Mfd. fixed condenser across the aerial and condenser binding posts.

If the socket binding post is not long enough to hold several loops of bus wire, remove the binding post screw and replace it with a longer one.

Use small test clips in making temporary connections while experimenting with a hookup. They can be snapped on and off in an instant.

Tighten a loosened binding post on the panel by putting a lock washer under the nut at the rear of the panel before the nut is screwed down.

Starting of Train Service Celebrated

LONGVIEW, Wash., April 11.—Towns of Southwestern Washington and northern Oregon joined with Longview recently, celebrating the starting of train service between Longview and Ridgeway, Wash., over the Longview, Portland and Northern railway. Ridgeway is headquarters of the logging operations which supply the mills of the Long Bell company in Longview. R. A. Long, head of the lumber company and other officers were here to take part in the celebration.

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GREATER ACREAGE IN WEST EXPECTED

PORTLAND, Ore., April 11.—(AP)—The intentions of Oregon farmers, as well as the farmers of Washington and the other nine western states, indicate an increased acreage of all of the major crops this spring. The increase is particularly noticeable in the case of spring wheat. The large increase in this crop is probably due to the severe winter killing in the Pacific Northwest, particularly in eastern Oregon.

These intentions are shown in reports gathered by F. L. Kent, agricultural statistician of the department of agriculture. Reports in detail from the states indicate that:

Wheat.—Winterkill, eastern Oregon, 480,000 acres; western Oregon 57,000 acres; total, 537,000 acres. Nearly all eastern Oregon winterkilled area replaced with spring wheat. Part of western Oregon area will be planted to oats, barley, corn, etc. More mixed wheat than last year and probably less amity wheat. Decrease in hard red winter and white club wheat.

Oats.—Spring oat acreage larger than usual due to poor fall for seedling and overwintered fall seedling. Probably no overproduction of crop.

Barley.—Acreage increased in all parts of the state. Increased acreage limited by seed supply. Probably no overproduction.

Potatoes.—Increased acreage in Union, Umatilla, Deschutes, Crook and Klamath counties. Decreased acreage in western Oregon. New potato law will probably improve local market for home grown stock. (Big increase in acreage reported from Yakima district.)

Time hay.—Greatly reduced acreage in clover, due to failure in 1924 sowings. Also great decrease in vetch due to poor fall seeding, and serious winterkilling in Washington, Yamhill, Polk, Benton and Clackamas counties. Alfalfa reduced in state to some extent; account some winter killing, and weakening due to dry season of 1924. Considerable new planting and prospect for plenty of water.

Grain hay.—Large increase in western Oregon.

Flax.—Probable increase in fiber flax acreage. Seed flax acreage will increase substantially.

Corn acreage will increase.

Wire Pictures on Commercial Basis

Coast-to-coast service on a commercial basis of the new method of transmitting pictures over telephone wires, devised by engineers of the American Telephone and Telegraph company and the Western Electric company, has now been established. Thus another age-old dream is realized.

The new service involves two-way transmission from the Atlantic to the Pacific ocean and joins up New York, Chicago and San Francisco. It takes only about three-hundredths of a second for the electrical waves to reach San Francisco after they are applied to the circuit at New York. Therefore, the time required for transmission of a complete picture is that required by the sending and receiving machines to trace over the picture point by point—about seven minutes. The time consumed in the photographic process at each end is approximately three-quarters of an hour.

Thus, a photograph, drawing, handwriting exhibit, finger print or other graphical record for transmittal to San Francisco could be filed in New York at 8 a. m. and an hour later, or at 6 a. m. Pacific Coast time, be available for use in the San Francisco newspapers.

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(Commercial Bulletin)
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