Thursday, Sept. 14, 1939

Heppner Gazette Times, Heppner, Oregon

Smut Control **Discussed** in New O. S. C. Bulletin

More general use of the combine harvester is helping a great deal to eliminate the danger of soil-borne smut infection in Oregon grain fields reports Roderick Sprague, federal pathologist stationed at Oregon State college, in a new experiment station bulletin No. 363 entitled "Controlling Seed-Borne Stinking Smut of Wheat by Disinfectants."

The bulletin records experimental results obtained with smut control from 1934 to 1938. The conclusion is that the best protection for seedborne smut is the use of improved el, or the use of one of the copper dusts. Effective copper dusts are 52 per cent copper carbonate, 50 per cent, basic copper sulphate, or 26 standing leadership and achievement per cent copper fungicide, at 3 ounces er bushel for winter wheat or 2 ounces per bushel for spring wheat.

Experiments were conducted to see if storage of wheat after treatment had any effect on control or on germination. Seed treated with the copper dust apparently can be stored for any length of time without loss of effect, or lowered germination. Seed treated with the new improved ceresan, however, gave increased stands over the untreated seed if the grain was seeded a few days after treating. After six weeks there was only a slight loss of stand expected this year. with this treatment, but after a year in storage grain so treated needed to be seeded about 10 per cent thicker than normal.

It is best to treat the new Rex, Ridit, or other smut-resistant varieties of wheat in order to reduce loss from smut and winter injury attributed to late smut infection, according to the experiments conducted by Sprague.

The bulletin contains separate detailed recommendations for handling smut control in eastern and western Oregon.

Road Body Adopts Formula of OSC Grad

Public Roads administration has chusetts, and McNary of Oregon. For adopted "A Solution for Laying Out the democratic nomination 43 preout by Orville Kofoid, a recent O. Garner, with 9 per cent for Hull. S. C. graduate in civil engineering. Democratic runners-up: Farley, Mc-An article by Kofoid on this subject appeared in Western Construction News where it attracted the at-

it appeared to be simpler than any developed previously. This is exceptional recognition of

independent work by the federal bureau, says C. A. Mockmore, head of the civil engineering department here, as the PRA seldom goes outside its own highly trained staff for its methods.

Clubbers Striving For Bank Trip

Striving to win the trip to the Pacific International Livestock exposition in Portland this fall, sponsored by The First National Bank of Portland, 4-H club members of Morrow county are completing special projects and preparing entries for county and state 4-H competition. ceresan, 1-2 to 3-4 ounces per bush- As for the last three years, choice of the boy and girl from each county in Oregon for this three-day visit in Portland will be based on outin 4-H club work.

According to local 4-H club leaders, the reports of last year's trip brought back by Guy Moore and Lucille Darlene Jones, winners of the 1938 awards from this county, have heightened the competition to fever pitch. The trip includes daily visits to the exposition grounds, sight-seeing in Portland and special entertainment by the state-wide bank, which pays all transportation and expenses. Last year 74 boys and ers, the reports of last year's trip and expenses. Last year 74 boys and girls of Oregon enjoyed this visit to Portland and the same number is

H. C. Seymour, Oregon 4-H club director, has again been appointed general chairman of the judging and awards. Local judges will be the county agent, county superintendent of schools and B. C. Pinckney, manager of the Heppner branch of the First National Bank of Portland. Dates for the visit this year are October 11, 12 and 13.

POLL GIVES SITUATION

Washington D. C., Sept. 13-Survey of the presidential situation by a national magazine, the poll taken among congressmen shows 44 per cent predicting Vandenberg's nomination; 22 thought it would be Taft, and 12 per cent said Dewey. Republican runners up-were Bridges of Oregon State College-The federal New Hampshire, Martin of Massa-Spiral Curves for Highways" worked dicted Roosevelt; 13 per cent said Nutt, Hopkins, Clark of Missouri.

Paul Smouse of Ione underwent a etntion of the chief of the division tonsilectomy at a local physician's

Home Economics 4-H Club Winners

Clothing I. Division A (for 9- and 10-year-old girls) — Dorothy Cutsforth, Lexington, first; Jo Ann Graves, Heppner, second.

Clothing I, Division B (for girls 10 to 12 years old)—Audrey Majeske, Lex-ington, first; Majo Marquardt, Lexing-ton, second; Mildred Carlson, Ione, third; Roberta Miller, Lexington, fourth; Betty Baker, Ione, fifth; Dor-othy Bergstrom, Ione, sixth; Eunice Peterson, Ione, seventh; Lorine Van Winkle, Lexington, eighth. Clothing II, Division A (girls 12 to

Clothing II, Division A (girls 12 to 14)—Jean Rauch, Lexington, first; Mil-dred Clary, Hardman, second; Doris Worden, Eight Mile, third; Kingsley Chapin, Heppner, fourth, Marcella Jackson, Lexington, fifth; Rae Cowins, Lexington, sixth; Neta Bleakman, Heppner, seventh; Marjorie Peterson, Ione, eighth.

Clothing III, Division A (Girls 13 to 15-Margaret Tamblyn, Heppner, first; Vera McDaniel, Hardman, second; Claudine Drake, Heppner, third; Ann McIntyre, Hardman, fourth; Ellen Hughes, Heppner, fifth; Eunice Osmin, Heppner, fifth; Juanita Byers, Hard-man seventh

Heppner, fifth; Juanta Byers, Hard-man, seventh, Clothing IV, Division A (Girls 14 and over)—Mary McIntyre, Hardman, first; Edna Stephens, Hardman, second. Bachelor Sewing (For Boys)—Cecil McDaniel, Hardman, first; Norvin Ad-Hardman, Second: Lewis Carlson. ams, Hardman, second; Lewis Carlson, Ione, third, R. D. Allstott, Eight Mile, fourth.

girl

girl. Judging Teams—Ann McIntyre and Vera McDaniel, Hardman, first; Mar-garet Tamblyn and Ellen Hughes, Heppner, second; Jean Rauch and Rae Cowins, Lexington, third. Style Revue: Clothing, Division IV—

Mary McIntyre, Hardman, first; Cloth-ing, Division III-Margaret Tamblyn, Heppner, first; Vern McDaniel, Hard-man, second; Ann McIntyre, Hardman, third; Clothing, Division II-Mildred Clary, Hardman, first; Vera McDaniel, Hardman, second; Caroline Bergstrom, Eight Mile, third. Grand Championship was awarded to Margaret Tamblyn.

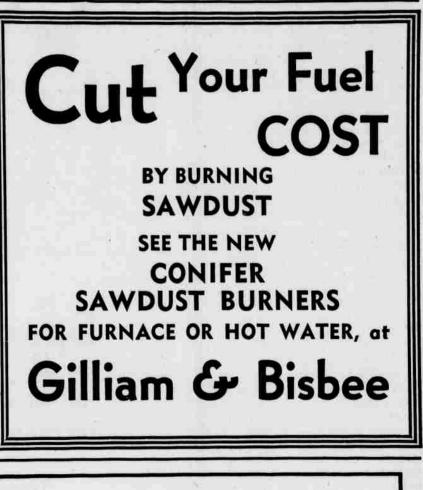
There were three fatal accidents involving motorcycles in Oregon during the first half of 1939, figures compiled by the state safety division

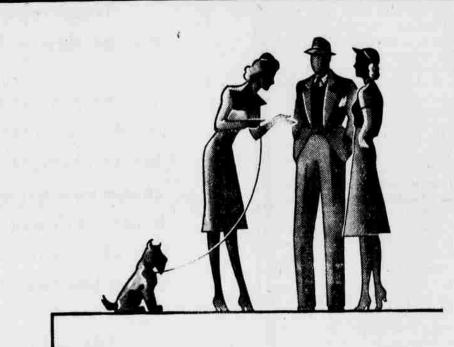
of the secretary of state's office re- pose of surplus stock.

vealed. All told, there were 140 accidents in which motorcycles figured.

Eighty-seven per cent of the fatal accident drivers during the first half of 1939 were men, Earl Snell, secretary of state, said today, while 79 per cent of all drivers involved in traffic accidents were men.

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of design who said one formula in office Tuesday.

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