

TILLAMOOK AND COOS POINT WAY AT FAIR

54 Entries of Pure-Bred Cattle Win First Prizes.

PREMIUM MONEY \$653.50

County Treasury Contributes \$1000 to Send Exhibits to Salem and Promote Industry.

A striking example of what a good community spirit will accomplish for the development of a district industry was afforded at the Oregon state fair at Salem last week in the outstanding livestock exhibits of Coos and Tillamook counties.

16 Breeders Enter Stock. The exhibit was composed of animals entered by 16 different breeders, who brought the finest Guernseys, Jerseys and Holsteins in Tillamook county to the state fair in a special train of five cars.

Through the splendid team work of the organized Tillamook county breeders, adequate financial support is being given the livestock industry by the county, and a fund of \$1000 was contributed from the county treasury for the purpose of sending the livestock and agricultural exhibits to the state fair.

The division of premium money won by Tillamook was \$653.50, with an average of \$41.11 for the Jersey entries, \$12.11 for the Holsteins and \$10.03 for the Guernseys. Their winnings included 12 first prizes, five seconds, five thirds, five fourths and seven fifths.

Coos county, with an equally enthusiastic community spirit, although a smaller representative, secured honors at the state fair, securing second prize for its general agricultural exhibit and a fund of \$1000.

ALBANY HAS CHAMPION JEAN MARIGOLD IS HOLDER OF BUTTERFAT RECORD.

Robert L. Burkhardt Will Sell Jersey Herd, but Will Retain Jean as Family Cow.

ALBANY, Or., Oct. 3.—(Special.)—Jean Marigold of St. Mawes, champion Jersey butter-fat cow of the world for her age, belongs to Robert L. Burkhardt of this city, who received word of her sale recently from the officers of the American Jersey Cattle Club.

FARM NEAR AURORA SOLD

CALIFORNIA FRUIT MAN BUYS CLARENCE BECKE PLACE.

\$24,000 Paid for Finely Improved Tract of 160 Acres; Several Other Deals Closed.

OREGON CITY, Or., Oct. 3.—(Special.)—An important land deal was closed by the J. J. Sandness Realty company at Canby last week when the old home place of Clarence Becke, near Aurora, was sold, the price being \$24,000.

FARMERS DESTROY \$1 TON FEED STRAW

Burning in Willamette Valley Called Waste.

FAT NUTRIMENT IS HIGH

Stock Carried Through Winter on Roughage With 2-Pound Cotton Seed Cake Per Head Per Day.

CHAMPION JERSEY BUTTER-FAT COW OF THE WORLD FOR HER AGE IS PROPERTY OF ALBANY, OREGON, MAN.



JEAN MARIGOLD OF ST. MAWES.

headquarters at Canby is a shipping agent, Mr. Powers, who is in charge of Carl Schmitt, who has been manager at Canby for the last five years.

It is an unexplainable fact that glowworms are much more brilliant just before an approaching storm than at any other time.

STATE AGRICULTURE PROFITS BY SCIENTISTS' KNOWLEDGE

Corn Industry of Oregon Develops Rapidly Under Systematic Breeding—Strains Are Varied.

HOW Oregon agriculture has profited by work of scientific plant breeders, alluded to in a recent Oregonian editorial, "Plant Wizards," is amplified by O. A. C. experiment station authorities.

The important and rapidly developing corn industry was advanced from 17,000 acres in 1909 to 71,000 in 1917 by the work of Minnesota university plant breeders.

But even to a yet greater extent, it is shown, Oregon is benefiting by the plant breeding of her own scientists. The wheat breeding work of Dr. E. E. Stevens and the smut resistant work of H. M. Woolman are some notable examples.

Total wheat production in the Columbia basin dry farm belt alone has been increased yearly almost a half million bushels by use of the Turkey red strain bred by Mr. Stephens of the Moro branch station.

Breeding strains of these and other wheats for smut resistance qualities have resulted in large savings in higher percentages of crop for milling.

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HARVEST SPREADS SMUT WINDS CARRY SPORES OVER CONSIDERABLE DISTANCES.

State Agricultural College Explains Why Early Plantings Are Often Infected.

OREGON AGRICULTURAL COLLEGE, Corvallis, Oct. 2.—(Special.)—Why early plantings of smut-treated grain are often infected while late plantings are not, is thus explained by the plant pathologists of the Oregon Agricultural college experiment station.

Smut spores are released in threshing smutty grain, and are often carried by the winds over considerable distances. They fall in showers on summer fallow and stubble lands, as well as on other lands, and unless started to germinate by early rains lie dormant until the land is seeded.

start the grain, the spores germinate and infect the seedlings. Disking stubble lands does not insure protection, either by burying the spores too deep to bother or by giving them enough moisture to germinate. Hence smut trouble even with treated grain may occur on disked stubble lands as well as summer fallow.

The degree of soil infection is determined by the amount of smutty grain to the windward side of the field. Eastern Oregon is more subject to heavy smut showers than parts further west.

The only way at present known to prevent trouble from soil infection is either to plant on freshly plowed lands or plant after the first rains have started the spores—usually about six weeks of rainy weather.

HOOD RIVER, Or., Oct. 3.—(Special.)—The Hood River High School Student Body association, which now numbers 180, has elected officers for the ensuing year as follows: Arthur Florer, president; Mont West, vice-president; Bernice Fisher, secretary; Katherine Stewart, treasurer; Paul Reed, athletic manager; Harold Dixon, assistant athletic manager; Edith Swick, girls' athletic manager; Richard Ford, yell leader, and Franklin Davenport, advertising manager.

MINES PAY \$5,554,911

Total Returns for 1920 Expected to Reach \$7,000,000.

SPOKANE, Wash., Oct. 3.—(Special.)—Dividends paid by mines of the Coeur d'Alenes, eastern Washington and British Columbia during the first nine months of 1920 have reached a total of \$5,554,911, as compared to a total of \$5,098,217, during all of 1919, according to figures compiled here. It is estimated that 1920 will see a total of \$7,000,000 paid by the metal mines of the Pacific northwest.

The grand total of dividends paid since the first producers of the northwest began distributions to stockholders is \$137,790,989.

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Of course there are many serious cases that only a surgical operation will relieve. We freely acknowledge this but the above letter, and many others like it, amply prove that many operations are recommended when medicine in many cases is all that is needed.

I Feel Under a

Thousand obligations to Dr. Burkhardt for his great generosity in sending me the trial treatment of Dr. Burkhardt's Vegetable Compound, which restored me. I can eat and sleep well; digest my food; pain in the back is gone.—H. S. Wilson, Denver, Colo.

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THE PENALTY

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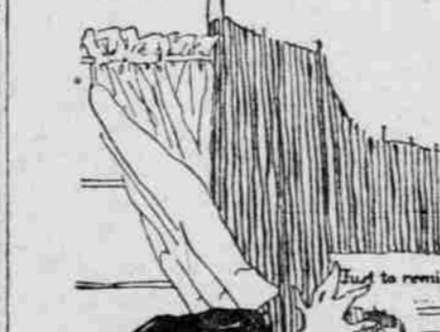
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