TILLAMOOK AND COOS POINT WAY AT FAIR

54 Entries of Pure-Bred Cattle Win First Prizes.

PREMIUM MONEY \$653.50

to Send Exhibits to Salem and Promote Industry.

A striking example of what a good ommunity spirit will accomplish for the development of a district industry was afforded at the Oregon state air at salem last week in the outstanding livestock exhibits of Coos and Tillamook counties. The splen-did dairy cattle exhibits of these two counties easily dominated the entire dairy cattle division and for numbers uniformity and merit comprised a showing that, in the opinion of promnent livestock men who viewed these entries, would have done credit to any county anywhere in the United

Fillamook county, with 54 entrie of pure-bred dairy cattle, carried off first honors at Salem, 43 of the 54 entries winning premium money and the Tillamook barn being awarded the \$25 prize for being the cleanest on the grounds. A significant fea-ture of the Tillamook exhibit was the fact that the big barn was not filled by a few large herds entered by wealthy owners of famous show-place

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. Another car was added to carry a mammoth exhibit of Tillamook cheese, butter and other products for the general county ex-hibit, which won first prize in its group of coast counties.

Through the splendid team work of the organized Tillamook county reeders, 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. Rollie W. Watson, prominent Holstein breeder and booster of the Tillamook country, was placed in charge of the Tillamook representation at the state fair, and took with him a large delegation of Tillamook enthusiasts to see that proper attention was accorded to the Tillamook division.

Tillamook Wins \$653.50.

Coos county, with an equally en-thusiastic community spirit, although a smaller representation, took second a smaller representation, took second honors at the state fair, securing second prize for its general agricul-tural exhibit and first honors of the Holstein breed with the grand champlon Holstein sire, Matador Segis Walker VI, belonging to Y. J. Simp-son, together with several other ribbons and premiums.

Enthusiasm over the splendid de-velopment of the livestock industry in these two southwestern Oregon counties is not confined to the male sex, as there are a number of livestock experts among the Tillamook and Coos county women, and the girls of these two countles are as active as the boys in the pure-bred

JEAN MARIGOLD IS HOLDER OF BUTTERFAT RECORD.

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

Jean as Family Cow.

by the work of Minnesota university plant breeders. The two leading strains of dent corn—Minnesota 13 and 22—as bred by the Oregon Agriton Jersey butter-fat cow of the world for her are believes to Pebers. for her age, belongs to Robert ment, are just the types needed for crop are greatly increased.

world for her age, belongs to Robert L. Burkhart of this city, who received word of her new record recently from the officers of the American Jersey Cattle club.

Jean Marigold won this record by producing 10,326.5 pounds of milk and 866.24 pounds of butter-fat during an official test, when she was 13 years and 4 months old. She is now in her sixteenth year but does not look half her age. Her sire was Melia Ann's Golden Wolseley (sire of St. Mawes) and her dam was Jean Marigold, who produced 20 pounds of butter in seven days.

Mr. Burkhart, who cannot not de-

the opening of the rainy season. Although it matures well, it does not always have time to dry out thoroughly before the rains start.

Market at acre. The annual wheat acreage in Kansas is about 10 millions, most of which is of the college station strain. Not fewer than 25 million bushels are added yearly to the world. days.

Mr. Burkhart, who owns and developed this world's champion, thereby adding another to the many honors won by Oregon Jerseys, has been a prominent Jersey breeder for years. He was formerly president and for several years has been a leader of the Oregon Jersey Cattle club.

He recoulty sold Maple Lawn Plant Breeding is Beneficial.

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 D. 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 breed by Mr. Stephens of the Moro branch station. The entire stock for this strain was obtained by multiplying the few selected heads taken as parent stock. Introduction and use of this strain on all lands to which it is best adapted would add 999,900 bushels annually to the amount

He recently sold Maple Lawn Place his model stock farm just east of this city, and expects to sell his splendid Jersey herd October 13 and retire from the stock business. Though he expects to sell the re-mainder of his herd he will retain Jean Marigold of St. Mawes for his family cow.

FARM NEAR AURORA SOLD

of Oregon's wheat crop.

Mr. Stephens has also bred an Aus-CALIFORNIA FRUIT MAN BUYS tralian wheat, hard federation, that outyielded the common spring wheats of the district 30 per cent in a three-CLARENCE BECKE PLACE. Breeding of this wheat has resulted alike in gain to the state and to the individual farmer. It costs no more to plant and grow the heavy yielding strains than the strains commonly

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

OREGON CITY, Or., Oct 3 .- (Spe-CREGON CITY, Or., Oct 3.—(Special)—An important land deal was closed by the J. J. Sandsness Realty company at Camby last week when the old home place of Clarence Becke, near Aurora, was sold, the price being \$24,900. The purchaser was William Jeskey of Auburn, Cal., a fruitgrower who came to Oregon to look for a location.

Mr. Jeskey came to Oregon by automobile, looking along the way for a promise and one seems to be entirely remained.

mobile, looking along the way for a suitable farm. His machine became stalled near Canby and he found it necessary to go to Portland for parts that were broken. He remained at Canby for several days and decided to the stalled to the several tests. Inoculation under most favorable conditions for infection have been attempted 10 times and look over that section. He visited the failed. It is hardly conceivable that

Sandsness real estate office and when snown the Becke farm was favorably impressed and purchased the land which consists of 160 acres on which there is located a 12-room house.

Much of the land was planted to hops in former years and is now planted to fruit. It is the intention of the new owner to extend the plantation. Mr. Jeskey is delighted with his new home and will take possesshis new home and will take possess-

ion in the spring.

Mr. Sandsness has also sold the Charles Stevens place, consisting of 28 acres, the purchaser being N. C. Smith of Halsey, Or. The price was 212 000

Called Waste.

Burning in Willamette Valley

Called Waste.

Called Waste.

Called Waste.

Another important sale last week was that of a part of the B. Mosier place in Canby, consisting of three lots and house now occupied by Warren Kendall and family, to C. H. Barness, formerly of Canby, who re-cently returned from Alaska.

County Treasury Contributes \$1000 CANBY SHIPPING IMPORTANT Clackamas Town Supplies Many Canneries With Fruit.

OREGON CITY, Or., Oct. 3 .- (Spe (al.)-Canby is now one of the most important fruit shipping centers of Clackamas county and although the fruit this year has been somewhat thort, that place has done its share in lamette valley, a profligate waste of upplying the canneries in the various arts of the state with fruit.

The Hazelwood creamery company chief of soils at the Oregon Agriculture. Neither is it often justifiable to burn short, that place has done its share in supplying the canneries in the various parts of the state with fruit.

FAT NUTRIMENT IS HIGH

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

and about two-thirds as much and protein as oat and vetch hay. The feeding value of the straw may be preserved in western Oregon by use of straw sheds.

Nitrogen Loss Heavy.

"The nitrogen contained in straw is too valuable to be sent off into the clouds," says Professor Powers.

"The rotting effect of straw is needed in western Oregon soils," Pro-fessor Powers declares. "This decay

is associated with the activity of beneficial bacteria. "Active decaying organic matter is needed on most all our soils as it releases phosphorus, potash and other plant foods from its own substances and from the mineral particles of soils. It mellows the soil and increases its sponginess and its ca-pacity for retaining usable moisture.

Soil Needs Organic Matter. "Scores of straw stacks have been burned the last few weeks in the Williamette valley, a profligate waste of plant foods."

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



JEAN MARIGOLD OF ST. MAWES.

burn and Sherwood 15 tons of Italian prunes with more to ship; eight tons of Bartlett pears and eight tons of Evergreen blackberries, with more to be shipped. Prunes have brought about one and three-quarters cents a pound; blackberries 6 cents and pears from 2 to 2½ cents.

plenty of straw roughage supplements cattered over the grain helds of the farm, where it may be disked and farm, where it may be disked and plowed under. The early heavy rains of this fall will help greatly in hastening decay of the organic materials where they compared with those of oat and vetch hay are given by Henry in "Feeds and

It is an unexplainable fact that glowworms are much more brilliant hydrates and one-sixth as much in

breeders, alluded to in a recent

Oregonian editorial, "Plant Wizards,"

Plant Breeding Is Beneficial.

grown in these districts.

Large Savings Are Result.

Breeding strains of these and other

station authorities.

STATE AGRICULTURE PROFITS

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

OW Oregon agriculture has prof- natural conditions can be more severe, but some further tests are to be made.

ing corn industry was advanced from district has been practically solved.

17,000 acres in 1909 to 71,000 in 1917

Smut resistance work conducted by E. F. Gains at the Washington state

,000 bushels annually to the amount the big pear industry to Oregon

BY SCIENTISTS' KNOWLEDGE

Tillamook Wins \$653.50.

The total of premium money won by Tillamook was \$653.50, with an average of \$14.11 for the Jersey entries, \$12.11 for the Holsteins and \$16.08 for the Guernseys. Their winnings included 12 first prizes, five seconds, five thirds, five fourths and seven fifths.

Coos county, with an equally encoosed with an expensive encoosed with the effect many send or expensive expensive encoosed with the effect many send or expensive encoosed with the effect was that the feeding value of oat straw shed or expensive encoosed with the edge of the ed

The digestible nutrients of straw compared with those of oat and vetch hay are given by Henry in "Feeds and" being plowed into the wet soils.

Some other strains are so nearly

immune that there is little likelihood of infection under field conditions.

udded yearly to the world wheat sup-ply in Kansas alone because of Kan-

A Morning Dish of

Grape=Nuts

makes for im-

proved health

energy for the

The Sugar Saver

and better

day's work.

COLLEGE GETS POLITICS

just before an approaching storm crude protein, says Powers, Clover than at any other time. straw contains as much carbonydrates Whitman Students Hear Republicans and Form Club.

WHITMAN COLLEGE, Walla Walla, Wash., Oct. 3.—(Special.)—The opening gun of the national presidential campaign was fired here last evening, with three local republicans delivering addresses to an assemblage of college students in Memorial hall. Colonel Paul H. Weyrauch, J. P. Neal and J. L. Sharpstein, former candidate for lieutenant-governor of Washington, delivered speeches, following which many students signed a resolution giving their support to the republican party in order that "a safe and sane" government might be restored.

Treated grain sown on such lands is thou explained by the plant pathologists of the Oregonian classified while late plantings are not, is thus explained by the plant pathologists of the Oregonian classified at the spores—usually about slx weeks of rainy weather. Treated grain sown on such lands is likely to produce clean crops, unless a new smut shower ensues. Danger of \$5.098.317, during all of 1212 and a new smut shower ensues. Danger of \$0.98.098.317, during all of 1212 and new smut shower ensues. Danger of \$0.98.098.317, during all of 1212 and new smut shower ensues. Danger of \$0.98.098.317, during all of 1212 and new smut shower ensues. Danger of \$0.98.098.317, during all of 1212 and new smut shower ensues. Danger of \$0.98.098.317, during all of \$0.98.098.317,

s amplified by O. A. C. experiment in fact the smut problem for strains of Turkey red most desirable for the great dry farm region of the basin Organization of a Whitman college republican club was also made, Wer-ner Baumeister being chosen presi-dent, Alice Applegate vice-president, and Chester Lesh, secretary-treasurer.

Phone your want ads to The Oregonian, Main 7070, Automatic 560-95.



Durability-

is a prominent feature of the SUNDSTRAND. Small, compact and composed of minimum number of parts all constructed of the finest, wearresisting materials.

Sundstrana

is designed for sustained, long-life service and delivers full returns. Only 10 figure keys to operate, one for each

Sundstrand Sales Agency E. W. Pease Co., 110 6th St. Portland, Or. Telephone Main 2285. ONLY



4 Different Kinds of Laundry **EAST 494**

PORTLAND MANUFACTURERS AND JOBBERS

Russwin Builders' Hardware, Plumb's Tools, Village Blacksmith Hand-Made Butcher Knives

WHOLESALE AGENTS.

FAILING - McCALMAN CO. 88 - 90 FRONT STREET.

Specialty Foundry & Machine Works Small Castings and Small Machine Work Our Specialty

COMMERCIAL IRON WORKS

ENGINEERS — FOUNDERS — MACHINISTS

QUOTATIONS GIVEN ON SPECIAL MACHINERY AND CASTINGS.
REPAIR WORK GENERAL JOBBING. PHONES E 7212 - E 7275. WORKS EAST SEVENTH AND MADISON.

Phone East 1825. Res. East 1797. D. F. Shope, President and General Manager. SHOPE BRICK CO.

ACE AND MANTEL BRICK A 361 1/2 East Morrison Street.

BARRELS AND CASKS Finke Bros. Cooperage Works

183 Madison, Near Bridge, Main 9143 L. P. DUEBER PLUMBER. Successor to William Mulrhead.

Prompt and thorough attention given to all plumbing, jobbing and repairing. 27 NORTH SIXTEENTH STREET, Near Washington. Bdwy. 5680.

East Side Mill and Lumber Co. BUMBER, BOX SHOOKS, GEN-

Sellwood 597 Passenger and Freight Elevators

PORTLAND ELEVATOR CO.

East Ninth and Mill Streets Portland, Oregon. Phone East 31.

Why Early Plantings Are

Often Infected.

BEAVER BOARD FOR BETTER WALLS AND CEILINGS RASMUSSEN & CO. N. E. Cor. Second and Taylor Streets

KNIGHT'S

Tomato Catsup

J. C. BAYER

ROOFING AND SHEET METAL

WORK, SKYLIGHTS, METAL

CEILINGS, TANKS

PHONE MAIN 461

204 MARKET STREET

J. E. DURHAM

The fender man who takes the kinks out while you wait. Radiators also repaired, called for and delivered free in city.

N. ELEVENTH ST Brondway 3214.

start the grain, the spores germinate the ensuing year as follows: Arthu and infect the seedlings.

Disking stubble lands does not insure protection, either by burying the Katherine Stewart, treasurer; Pau

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 Total Returns for 1920 Expected tate Agricultural College Explains

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.

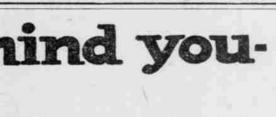
The only way at present known to prevent trouble from soil infection is either to plant on freshly plowed lands or plant after the first rains dends paid by mines of the Cocur days started the spores—usually about six weeks of rainy weather, about six weeks of rainy weather.

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 dends paid by mines of the Cocur d'Alenes, eastern Washington and British Columbia during the first nine of the course of t

WINDS CARRY SPORES OVER
CONSIDERABLE DISTANCES.

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 failow.

47 First St.



Just to remind you-



Mrs. Oregon:- Tear this ad out

and hang it up in your kitchen to

Before you buy anything, think for a moment-isn't that article you need supplied by an Oregon manufacturer?

BUYING Oregon-made goods is largely a matter of habit.

Then ask your merchant for the Oregon made article.

He will be glad to fill your needs with Oregon goods, because he knows that every time he sells an Oregon product, he helps Oregon, and everybody who lives in Oregon. He knows, too, that Oregon Products are the finest in the land. Tourists from all over the world marvel at the wonderful flavor of our fruit, vegetables, nuts and cheese. Our manufactured products are sold from

> BUY OREGON MADE Start to form the habit today.

Maine to California.

Associated Industries of Oregon

I. L. Austin Sheetmetal Works Contractors and Constructors of Cornices, Skylights, Steam Tables and General Sheetmetal Work.

385 - 87 East Alder Street EAST 5554.

DO YOU KNOW THE BELMONT BATTERY SHOP GRAND AVENUE AT BELMONT, IS GIVING THE SORT OF SERVICE

AUTHORIZED WILLARD SALES STATION

TIRES AND ACCESSORIES. EAST 1063.

THE PORTLAND CORDAGE CO. Manufacturers of ALL KINDS OF CORDAGE N. 14th and Northrup Sts., Portland, Or.

American Bronze & Brass Works Bronze Signs :: Memorial Tablets. Brass, Bronze, Copper and Aluminum Castings



TRUNKS, TRAVELING BAGS, PISTOL HOLSTERS AND CAR-TRIDGE BELTS, MEN'S LEATHER PUTTEES, LADIES' LEATHER LEGGINGS

MADE TO ORDER.

PORTLAND LEATHER CO.

226 Washington St.

PORTLAND TINWARE SHEET

METAL MFG. CO.

Wholesale and Retail Manufac-

turers and Repairers of Tin, Cop-

per and Galvanized Ironware.



140 N. FRONT ST., FOOT OF HOYE

Expert Auto Top Repairing Auto Upholstering of All Kinds. SEAT COVERS, CURTAIN CURTAINS.

Phoenix Iron Works OFFICE AND MACHINERY SHOP COR. HAWTHORNE AND E. 3D EAST 29. AUT. 211-45

WASTE PAPER, NEWSPAPERS AND MAGAZINES

INDEPENDENT PAPER STOCK CO. Office and Warehouse 474 Johnson St., Cor. N. 13th. Brondway 2003,

By Taking Lydia E. Pinkharn's Vegetable Compound. Many Such Cases.



bad displacement. Myright aide would pain me. was so nervous could not hold a glass of water. Many times I would have to stop my work and would fall on the floor in a faint. I consulted several

doctors and every one told me the same but I kept fighting to keep from having the operation. I had read so many times of Lydia E. Pinkham's Vegetable Compound and it helped my sister so I began taking it. I have never felt better than I have since then and I keep house and am able to do all my work. The Vegetable Compound is certainly one grand medicine."—Mrs. J. R. MATTHEWS, 3311 Sycamore Street, Cairo, Ill. 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 housand obligations to Dr. Burk-

Thousand obligations to Dr. Burkhart for his great generosity in sending me a trial treatment of Dr. Burkhart's Vegetable Compound, which restored me. I can eat and sleep well digest my food; pains in the back are gone.—H. S. Wilson, Denver, Colo, Write today and get a trial treatment of Dr. Burkhart's Vegetable Compound. You will derive the same benefit for Liver, Stomach Trouble and Constipation. All drug stores. 30-day treatment, 25c; 70 days, 50c. Address 621 Main St., Cincinnati, O.—Adv.

MURINE Night and Morning. Henithy Eyes, if
they Tire Itch,
YOUR EVES Smart or Burn, if
flamed or Granulated, use Murine
often. Soothes, Refreshes. Safe for
Infant or Adult. At all Druggista.
Write for Free Eye Book, Murine
Eye Remedy Co., Chicago.



& Different Kinds of Laundry
4 Different Prices **EAST 494**



KEYS TO OPERATE

remind you to ask for "Oregon Made."