

# NEWS OF FARM LIFE

GRANGES

COUNTY AGENT'S REPORTS

CROP NEWS

DEPARTMENT OF AGRICULTURE NEWS



## New Pullorum Test Established

### Oregon Takes Steps to Prevent Shipments of Chicks, Eggs Found to be Diseased.

New pullorum test requirements relating to the interstate movement of baby chicks, hatching eggs and poultry breeding stock were approved at a joint conference of Oregon, Washington and California departments of agriculture officials and industry representatives held recently in Portland.

Under the regulations, which leaders from other states also will embrace, chicks, hatching eggs and breeding stock may be shipped into any of the three states when the owner, technician or inspector has qualified himself to conduct the pullorum blood test by special training and has then passed an examination satisfactory to the livestock sanitary authority of the state of origin, which in Oregon is the animal division of the state division of agriculture.

It tested under these conditions and approved by the department, chicks, eggs or breeding stock may be shipped into Washington or California from this state, except that flocks exceeding 5 per cent reactors to the pullorum blood test will not be given approval for interstate shipment until the reaction is reduced below that figure. The agreement does not apply to turkeys.

Under terms of the reciprocal agreement, the department may suspend approval upon satisfactory evidence that any shipper has frequently shipped diseased chicks, contrary to requirements of the receiving state.

Owners, technicians or inspectors testing may be subject to retest in the state of origin. Permits for the interstate movement will expire December 31, each year.

As a result of this agreement, pullorum testing will be cheaper for the poultryman. Although home testing is not as accurate as that by a veterinarian or trained technician, leaders feel that the new plan requiring special training and examination will be sufficiently accurate to promote industry progress.

## Creeping Fescue Added to Oregon Seed Grass List

Oregon now has the only commercial seed acreage in the entire country of creeping red fescue, a

**THE SPIRIT OF**

# 76

by JOHN CLINTON

Listen! Can you hear the sizzling pulse of America in the East? It's a new, busy with her greatest task—Defense!

I want to tell you something about Defense that maybe you don't know. For years the Petroleum Industry has carried on independent research on its own initiative, unsubsidized by the Government. Union Oil Company has done its share — has research engineers who spend practically all of their time in this work.

Thanksto such research America can now produce enough 100-octane aviation gasoline for a million planes that we'll never have. And thanks to that research, the same bomber can fly 30% faster and farther in the U. S. than in Europe. It can carry 20 to 30% more bombs and climb above anti-aircraft fire 25% faster.

Take rubber, too. We use more than half of all the rubber in the world and 90% of it comes 6000 miles across the world to us, and the dictators want it. Well, Petroleum Industry research has made synthetic rubber a commercial reality. Before our supply of natural rubber is exhausted we can produce all we need from Petroleum. If I had room I could list at least fifty more essential products they have developed. But that'll give you an idea.

It gives me a thrill to know that the same research engineers who developed 76 and Triton are an important part of the Petroleum Industry — an industry that has done so much to make America strong.

UNION OIL COMPANY

## Outstanding in Douglas 4-H Clubs



George Marsh and Betty Louise Weseman, pictured above, were selected this year as Douglas county's outstanding 4-H club members, who were guests of the Douglas National bank of Roseburg, and the First National bank of Portland at the Pacific International Livestock exposition last week.

comparatively new grass so far as general use is concerned, which promises to be a notable addition to the growing list of Oregon seed crops and a valuable grass for lawn and forage purposes.

These men in Marion county harvested enough seed this year to provide a combined supply of about 5000 pounds, according to Harry A. Schoth, federal agronomist at Oregon State college.

The grass is much like ordinary chewing fescue in appearance and has its characteristics of being deep rooted, fine leaved and hardy to weather and rough usage. Its distinguishing feature is an underground spreading root system in place of the bunch grass habit of the chewing fescue.

Its ability to spread through its roots as well as by seed makes it an excellent soil former alone or in other pasture or lawn mixtures.

## News of 4-H CLUBS

Oakland organized its 4-H clubs last week under the supervision of Phil Putnam, principal of the school, and Miss Edith Vogel, teacher of home economics. Seven clubs are organized six of which will meet during the day and every other week. A hobby club of seven older members has been organized to meet during the evening, and will be led by Hazel Mae Todd.

A cookery club carrying the first division will be headed directly by Esther McHughill. This club consists of twelve members. They are Betty Sparks, president, Joyce Peterson, vice-president, Jeanne Ullman, secretary, and Betty Hill, Betty Woyandil, Patty Hogan, Margie Cunningham, Elsie Miller, Wella Haines, Edna No-dine, Clara Jones and Peggy Kester.

Caroline McDowell directs the activities of the clothing club carrying the first division. The four members in this club are Ella Bell Anderson, president, El-donnie Star, vice-president, Betty Thomas, secretary, and Genevieve McHughill.

Carrying second division in clothing work are nine girls directed by Dorothy Haines. The membership of this club includes Yvonne Kinsaid, president, Dorothy Snyder, vice-president, Betty Jean Murgrove, secretary, Rowena Williams, Glenna Baker, Ethel Sue Haver, Elhan Ternovsky, Beverly Hatfield and Clara Jean Hogan.

The best step in clothing is that of division III. The five girls enrolled for this with Kathryn Christensen to direct the activities, are Betty Lou Moore, president, Ross Hammond, vice-president, Shirley Haines, secretary, Jean Wilcox and Jeanne Carsten-son.

Barbara Young and Marie Med-ley are leading a clothing club with the divisions IV and V. Those are all older girls, listed as follows: Goodness Jennings, president, Corvone McDowell, vice-pres-ident, Hazel May Todd, secretary, Kathryn Christensen, Marie Med-ley and Barbara Young.

Miss Edith Vogel, adviser to the six clubs, holds a meeting once each month with the active lead-ers of each group. This organiza-tion might be considered six clubs within a large club but is a very fine method of handling a lot of club work.

A livestock club was organized at Oakland with 28 members. Orval C. McDowell, a farmer near Oakland, was selected as leader. The club has members enrolled in dairy, swine, sheep, rabbits and chickens. Members of the club are: Earl McDowell, president, Joe Campbell, vice-president, Or-val C. McDowell, secretary, Jerry Kingston, Wesley Simpson, Ken

Kobbe, Herbert Russell, Don Hin-shaw, Ralston Cole, John Kobbe, Jack Drake, Russell Owens, Her-bert Hogan, Jack Poaler, Gilbert Baker, Richard Nodine, James Stephens, Bobby Murgrove, Bob-bie Rainbridge, Ralph Hakanson, David Goodman, Herbert Steph-ens, Harlan Haines, Bill Gilder-sleeve, Elmer Tussell, Betty Short, Clark Cole and Dan Russell.

Cole Springs school sent in an enrollment for a health club of twelve members, which has Stevie Rantz for president, Marion Rantz for vice-president, and Junior Mc-Donald for secretary. Mrs. Grace Cowan, teacher of the school, is leader of this club. Members of this school also plan to organize a club in art work to be led by Mrs. Elizabeth Veley.

Millwood school has sent in an enrollment of ten eighth graders for the marketing project and twelve for the health project. Mrs. E. Waddie, teacher of the school, will lead in the activities. Clifford Wandell was elected president, Mervin Wagner, vice-president, and Eva Wandell secretary.

An enrollment for a cookery club carrying the first division of the work has been received from the Drain school. Miss Nancy Tagger, teacher in the school, has been selected as leader. The mem-bership of the club includes Billy Brown, president, Vera Gallatin, vice-president, Billy Rising, secre-tary, Richard Gaskins, Norma Jean Heckthaler, Ted Schloss, Dallas Bragg, Madeine, Lemou, Don Cain and Carolyn Gaskins.

Mrs. D. Wells, of upper Smith river, has been selected to lead a club of seven girls of the Smith river school. This group will do work in the second division of the clothing project. Members are Mary Alice Pyritz, president, Betty Lou Baldwin, vice-president, Ag-ne Wroe, secretary, Anna Pyritz, Orba Sylvester, Dora Mae Cook-son and Vienna Mary Cowan.

County Club Agent E. A. Britton met with the Myrtle Creek school student body recently and address-ed the members on 4-H club work. He stated he would like to see sev-eral clubs organized in the vicini-ty of Myrtle Creek, with ladies in various communities close by serving as leaders. He stated al-so that there is a budget on the part of a large number of boys for livestock projects, but before they can carry on as a club it is neces-sary that they have some man-agement, both in livestock and in boys to lead them.

The Douglas county moving picture show, which was shown at both the state fair and Pacific In-ternational will be shown to the Oakland student body at 11 a. m. Friday of this week.

## Edenbower 4-H News

Last Friday the homemaking class met at the home of Mrs. Haines, the leader. The name "Home Makers Club" was decided upon. All of the girls brought the ma-terial for their pillows which they are making first. After the regu-lar business meeting the leader served delicious cinnamon rolls much to the enjoyment of all. During the meeting a suggestion that the girls help by making dish towels for prizes to be used for a coming bingo party, designed to raise money for the 4-H clubs in the school was unanimously ac-cepted. The president, Thelma Gar-land, suggested that refreshments be served each time by the club members. This was to be given consideration. After the meeting, the leader showed the girls how to make their pillows, and answered all questions about them.

The club in sewing II, which was named the "Cricket Sewing Club," met with the leader, Mrs. Harris, on Friday afternoon. This club has a new member, Wanda Light-berg. The girls are all well along

## Method for Kraut Making Offered

The newest idea in making sauer-kraut is to make it in glass jars that hold just enough for a single meal, thus doing away entirely with the bother of using crocks and barrels, suggests Mrs. Mabel Mack, acting extension nutritionist at Oregon State college. This method is used to best advantage if you have a cool storage place and are plan-ning to use the kraut during the winter.

The simple way of making kraut right in the jars is to mix the shred-ded cabbage with the salt, 4 ounces to 10 pounds of cabbage, and pack it in the jars. Mrs. Mack explains. Place the rubbers and lids on the jars, but do not seal tightly. Have an enamel pan under the jars to catch the juice as it bubbles out. Let the kraut stand for two or three days until there is a good gas in-formation. Then pour the juice back and seal the jars. Allow the kraut to ripen for a month or six weeks, and then it is ready to serve.

When sauerkraut is to be kept until summer, it is best to make it in a crock or barrel and can it in glass jars after it has fermented for about 10 days. Have the sauer-kraut thoroughly hot and then ker-it into the jars. Put the rubbers and lids on the jars but do not seal. Place the jars in a bath of boiling water and continue heating for about five minutes until the water returns to boiling. Then seal the jars and continue heating them in the water bath—10 minutes for quart jars, and 15 minutes for 2 quart jars.

## Vaccine Handling Law Is Suggested

The next legislature should be asked to enact laws that will per-mit the department of agriculture district representatives to inspect all livestock biological supply dis-tributing stations to see that prop-er handling of livestock vaccines is being carried out. Dr. W. H. Lytle, chief of the department's animal division, said recently in discussing improper blackleg vac-cination which has been the cause of many losses of calves.

He points out that in the treat-ment for blackleg it is highly im-portant that the vaccine be fresh. In other words, it should be sup-plied by a distributor who has kept it in refrigeration.

Blackleg vaccine, kept under proper refrigeration, produces sat-isfactory protection, but careless handling of the vaccine has result-ed in the loss of a considerable number of calves—often more than enough to pay for a vet's services.

When calves die of blackleg, carcasses should be buried with quick lime or burned, or the pasture or range becomes seeded with germs that will infect next year.

The department officials have observed that it is not infrequent to find distributors of this vaccine who do not use a refrigerator case.

## Columbia County Now Center for Mint Oil

ST. HELENS—Columbia county is now one of the largest mint oil producing areas in the United States with over two acres plant-ed to peppermint reports G. A. Nelson, county agricultural agent. This area produces a crop of pep-permint oil worth about \$100,000 annually. The growers recently took preliminary steps to form a cooperative organization to man-age the crop. The chief producing areas are in the Rainier and Clats-opine districts.

## Lost One Cow; Got Back The Cow, Plus One Calf

HANDLER, Me. (AP)—On Farmer Chit Page's complaint, Bangor police made this entry in their files: "Lost, one cow, value \$65." Weeks went by, and Page found the cow in the woods. To the po-lice entry was added: "Recovered, one cow, value \$65; one calf, value \$15."

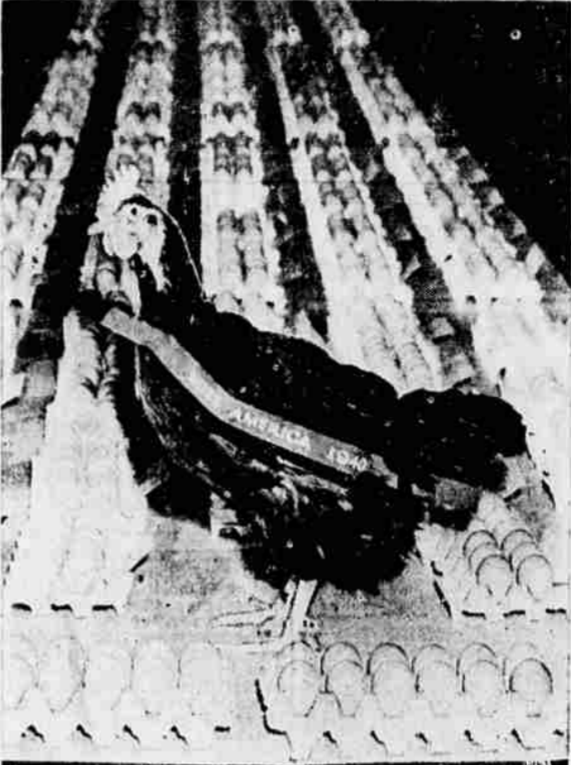
on their ranch cloths, and Colleen Moore, who is taking division II of sewing I, has nearly completed her dresser scarf. All members were present at this meeting also.

The Edenbower Sewing club as-sembled on Friday for its second meeting at the home of Mrs. Cur-tis Calkins, who is leading this club in bachelorette sewing. Eddie Dewar is a new member. Lou Lee Jones, Junior Well, Steve Ross, William Harris and Earl Raquet have finished their not holders, and all of the other girls have at least started on theirs. They were told to have their emergency kits ready for the next meeting. Jimmy Raynor and William Barton were appointed as all entertainment committee to have a program at the next meeting.

## Reedsport 4-H News

By Donna A. Barnhardt  
The 4-H club called Esteban Sutters held a meeting on Fri-day, Oct. 11. The meeting was started with a 4-H song and yell. When the roll call was read each girl responded with her favorite color. The meeting ended with entertainment in which all of the girls took part. One girl spun a clothes hanger and whenever one end pointed to had to do some-thing. Concurrently, the cookery club started its first cooking. The girls made toast and milk toast.

## Miss America? Eggsactly!



Not many beings would be proud if each of their endeavors laid an egg, as the saying goes. But this Rhode Island Red, owned by E. B. Parmentor, of Franklin, Mass., feels like crowing because when she counted per chicks before they hatched, she found she'd laid a total of 340 eggs last year. So, though she's no spring chicken, she was chosen "Hen of the Year" at Northeastern Poultry Producers Council recent convention in Atlantic City.

## Hen Owned by Indian Lays Peace Pipe Eggs

ROCK HILLS, S. C. (AP)—It may be that a hen in the yard of Samuel Thunderbird Blue, former chief of the Catawba Indian tribe, had world conditions in mind when she started laying eggs shaped like peace pipes.

Blue says the only way he can explain it is that the hen hangs around and watches Mrs. Blue make pipes out of clay. Anyway, the hen has been producing pipe-shaped eggs for some time.

## Myrtle Creek

MYRTLE CREEK, Oct. 19.—Mr. and Mrs. Art Terrill, who formerly lived on the Fulton place near Cedar Grove, were callers at the Al-berth Martin home for a short time Sunday. Mr. Terrill is a dairyman at Coquille. About a month ago he was attacked by a vicious bull which crushed him against a tree, breaking some of his ribs, one of them penetrating a lung. He has since been a patient at the Veterin-ary facility hospital. He has re-covered sufficiently that Mrs. Ter-rill brought him out for a ride Sun-day.

Mr. and Mrs. Lynn Dalloy and small daughter, are here from Rich-mond, Calif., for a vacation. Mrs. Dalloy was Miss Marian Shirliff before her marriage. They are being entertained by many friends, as both spent their youth here and were very popular members of the youngster set.

Mrs. Lottie Weaver is having her cottage finished inside. Walter Feizette is doing the carpenter work.

Donald Wimer, son of Mr. and Mrs. Clarence Wimer of Medford, is here remodeling the garage and doing some other work on their place on East Broadway, which is occupied by Mr. and Mrs. Owen Ledgerwood. Donald states that his mother, who has been ill for nearly two years with arthritis, is in the Coffey Memorial hospital in Portland where she is being treat-ed. She is better and her entire recovery is promised. The young-est son of the family, Alvin, is a student at the U. of O.

Mr. and Mrs. C. B. Zehrung, who live on the upper reaches of South Myrtle, were happy to have a visit last week with their son and fam-

ily. Mr. and Mrs. Harlan Zehrung and two sons of Seattle, where Mr. Zehrung is employed as a diesel engineer.

Henry Frederick has gone to Washington, D. C., where he has been appointed as a clerk in a fed-eral department. He is the son of Mr. and Mrs. A. W. Frederick.

Mrs. John Conley has sold her ranch near Rock Fork to Mr. and Mrs. Stedham, who moved here recently from Sisters, Oregon.

The Methodist women are an-nouncing their bazaar and supper, which will be held December 14th in the church parlors.

The nominating caucus of the city officials was held at the city hall last Friday night. A few citi-zens attended aside from the pres-ent incumbents. Ted Rice was nominated for mayor; A. M. Ver-rill, recorder, and R. W. Reynolds, clerk.

## Olalla

OLALLA, Oct. 20.—James Cook, son of Mrs. Cook in upper Olalla, came up from Eureka, Calif., the first of the week so as to regis-ter for selective service from his "home town." He will return to California after a short visit with the home folks.

Mr. and Mrs. Henry Cronauer and family from Medford spent the weekend at the home of Henry's brother, George Cronauer, and also visited other friends in the valley. The family was on route home from the Pacific Inter-national Stock show at Portland.

All the young men of prepa-ration went to Tenmile hall Wednes-day to register for selective serv-ice. Mrs. Earl Oliviant and Mrs. Roy J. Carnall were on the regis-tration board from Olalla and Charlie Stozal, Mrs. Rilla Hahn and John McMillen were mem-bers from Tenmile. These are the regular election first board.

Mr. and Mrs. Earl Oliviant have recently purchased a 1940 Pontiac sedan from the Hansen Motor company in Roseburg.

Cell Ireland spent the afternoon at the home of Roy J. Carnall, Wednesday.

Mrs. Anna Ireland is visiting at the homes of her daughters, Mrs. Dave Rankliff and Mrs. T. V. Car-ter, in Coquille.

## Bloat Deaths Not Due to Pressure

That death from cattle bloat is caused by the poisonous nature of the gases concerned rather than by the pressure of those gases, is the conclusion of R. W. Dougherty, assistant professor of veterinary medicine, after extensive research into this ancient malady conducted at the Oregon experiment station.

It was found that carbon mon-oxide, which is the poisonous ex-haust gas of automobiles, and hy-drogen sulphide, sometimes called "rotten egg" gas because of a simi-lar odor, were generated in ab-normal quantities under bloat con-ditions.

Experiments were carried on with an animal which had been provided with an artificial opening from the side into the stomach through which the nature of the gases generated could be studied. If these two gases mentioned were introduced into the stomach under even moderate pressure, the soon showed symptoms of bloat distress and had to be relieved to avoid death. Ordinary air, on the other hand, could be introduced under great pressure without causing any serious difficulty.

Tests made on a heifer which actually died of bloat revealed the gases in the paunch in about the proportions found dangerous in the experimental tests, and samples of the blood showed that it had absorbed large quantities of hydro-gen sulphide gas into the blood stream, which was the probable cause of death.

Studies are being continued to reveal, if possible, methods of pre-venting or curing bloat, based on these hitherto unknown facts con-cerning it.

## Cider Must Conform to Food Products Rules

With the cider season at hand, the state department of agriculture has received varied requests deal-ing with the manufacture and sale of this product.

Manufacture of cider for sale re-quires the same sanitary conditions as for any food product. Applied must, of course, be clean and used must meet the tolerance on spray residue. This latter is 0.05 grain of lead per pound and 0.025 grain of arsenic per pound.

The individual or apple grower who manufactures cider for market must comply with the law which requires that any food product manufactured state the product, and whether or not any preservative has been added. Also, the label should contain the name and ad-dress of the manufacturer and net weight of contents.

## Pacific Wool Growers' Handling Heavily Upped

PORTLAND, Oct. 21.—(AP)—Wool handled by the Pacific Wool Growers has increased \$5 per cent this year over last year, Gen-eral Manager Roy Ward told direc-tors.

He also reported a gain of 119 new members.

**TODAY'S TIP ON FARM POWER**

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Roseburg, Oregon

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