

# FARM DAIRY AND POULTRY PAGE

## Pontiac's Glass Car to be Shown Here This Week

Considered by body-building experts to be an outstanding tribute to the skill of Fisher craftsmen, the transparent Pontiac now on a tour of the west coast cities will be exhibited Tuesday and Wednesday at the Roseburg Motor company showrooms.

The only full-sized model of its kind in the world, the "glass" car, which has been on display in the Golden Gate International exposition, was built to show the rigid construction of the "unisteel" turret top body and the various Pontiac chassis features. The desired end was achieved when Fisher Body craftsmen succeeded in reproducing in exact detail the outer body structure of a production model using plexiglas, a crystal clear plastic, for the hood, fenders and outer body panels, and then linking this new material with interior parts.

The car is complete in every detail, save for the insulation material normally applied to the underside of the steel outer sheathing. The hood, trunk lid and doors open and close, windows roll up and down, even the no-draft ventilation system functions as in a standard model.

## Exams for Cheesemakers, Buttermakers Scheduled

An examination for butter and cheesemakers will be held in the offices of the state department of agriculture at Salem on Monday and Tuesday, March 17 and 18, officials announce. All butter and cheesemakers now holding permits or those who expect to engage in these pursuits but are not now licensed must take the examinations, which cover written work as well as practical laboratory tests.

The examinations are required by law. Additional information may be obtained from A. W. Metzger, chief of the department's division of foods and dairies, Salem.

**THE SPIRIT OF**



by JOHN CLINTON

I like radio. Our old box is turned on almost every night. But when it comes to swing music—well, I'm not a big cat. And I can take my lounge swag or leave it alone. The only one I ever cut was under the living room table when I was fixing the lamp cord.

So, I'm always on the lookout for a "different" kind of radio program—one that is fun to hear, and that "does something" for me. And now, in case you're still reading, I've found a dilly.

It's called "Point Sublime." And it's on the NBC red network every Monday night at 8:30, Pacific Coast Time, except the stations in Berkeley, Sacramento and Stockton, where it goes on at 9 o'clock. (Of course, if you live where your clock ticks out Mountain Standard Time, you'll hear it at 9:30.)

But anyway, Point Sublime is a series of programs about a fellow named Ben Willard. Ben sort of runs Point Sublime—which is a little village on the coast—and manages to get into and out of more amusing situations than you could shake a stick at. He's sort of a combination of Will Rogers, David Harum and your own Uncle Clem, back home.

Each show is complete in itself, so you don't have to listen every week. But I think if you listen to one, you'll listen to all of 'em. Anyway, take a tip from Clinton, and listen. The sponsor is, as you've probably guessed, Union Oil Company. And if you like the show—will you drop me a line, so I can tell 'em? Thanks.

**UNION OIL COMPANY**

## OUR BOARDING HOUSE



## Stock Troubles Are Ascribed To Lack of Vitamin

Vitamin deficiencies have been the cause of at least three unfavorable conditions that have existed in livestock in some areas of Oregon this winter, writes Dr. W. H. Lytle, animal division chief, in a series of articles covering these subjects and appearing in the current Bulletin of the state department of agriculture.

Rickets, coupled with a vitamin D lack, appeared in young animals in the Willamette valley that have been kept inside from winter sunshine and in other parts of the state where dense fogs occur over long periods. Calves that become bow-legged and sore and hogs that develop sore joints and squeal from pain when they try to stand are most likely suffering from rickets. Such animals will be benefited greatly by cod liver oil, green grass or green, well cured alfalfa hay and outdoor exposure.

Reports of weak calves and lambs are also not infrequent in midwinter, and as a rule these conditions are due to a vitamin deficiency and are not readily corrected because they date back several months before the calves or lambs are born.

Grass and wild hay or grain hay are not good feed for breeding animals, which should have bright, well cured alfalfa, preferably of a second cutting. Well cured green clover hay is second choice and if it is necessary to feed only grain or wild hay, cod liver or halibut oil should be sprayed over the hay so that the cow will get two ounces or more daily.

Clouding of the cornea or covering of the eye surface and lens, which causes night blindness and watering of the eye, complicated with scouring, are signs of vitamin A deficiency. Dry feed, especially dry wild grass which is devoid of vitamin A product, also the stems of alfalfa hay from which leaves have been eaten, often seem to produce the calculi.

## Hop Marketing Quota for Coast States Announced

SALEM, March 3.—(AP)—The growers' allocation committee, which regulates the handling of hops grown in Washington, Oregon and California, announced that 86.1 per cent of the 1940 crop may be marketed.

The 1940 production totaled 12,966,257 pounds, of which the committee will permit 37,000,000 pounds to be marketed.

The committee mailed to every grower in the three states notice of how much of his crop he will be permitted to place on the market.

## Stamp-Buying Foods for Month of March Listed

Surplus foods which will be available to families taking part in the food stamp plan in the Douglas county area during the month of March period were announced today by M. Louis Belgio, area supervisor. These are the surplus foods which may be obtained in exchange for the blue surplus food stamps in local stores.

The complete list of blue stamp

**Indian Theatre STARTS TOMORROW**

Zane Grey's Amazing Saga of a Lawless Land!

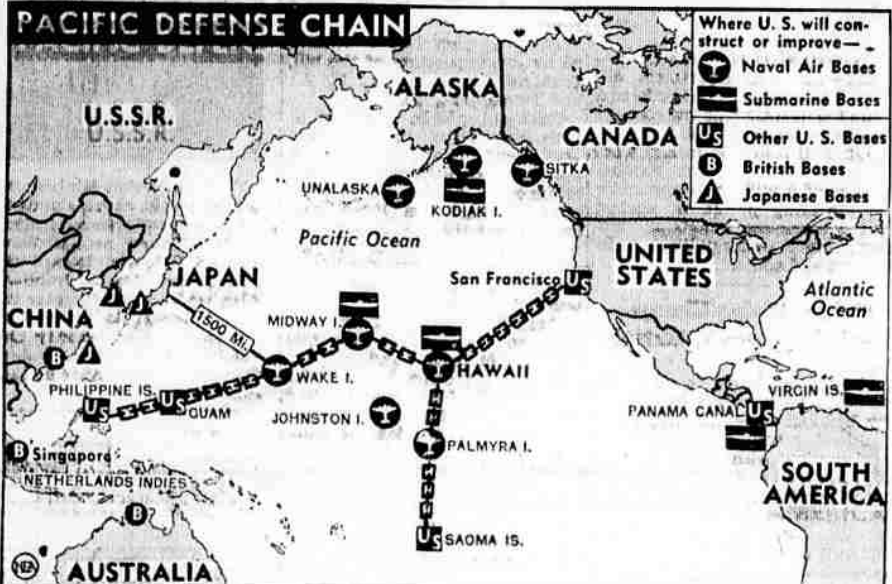
IN Technicolor



WESTERN UNION

with ROBERT YOUNG RANOLDPH SCOTT VIRGINIA GILMORE

10c  
30c  
40c  
Inc. tax



Forging new strength into the U. S. chain of naval air and submarine bases across the Pacific, President Roosevelt has proposed measures to Congress for improvement of present facilities and construction of additional bases. Map spots islands in the Pacific and Caribbean that will benefit by the new appropriations, which will include provisions for bombproof shelters at stations vulnerable to attack.

## New Uses Sought For Surplus Crop Of U. S. Apples

WASHINGTON, March 3. (AP)—Plans for broad research to find new uses for the nation's surplus apple crop were described to the house appropriations committee during hearings on the agriculture department appropriations bill for the 1942 fiscal year starting next July 1.

A statement of officials of the department put into the record, made public today as the bill was introduced in the house, showed the department planned studies on new type apple juice, concentrated juice sirup with improved flavor for year around use, frozen apple slices, peptic substances and cuticle wax.

"New products need to be developed to provide means of diverting surpluses in years of large crops," the report said. "Such a program for extended uses for apple products must be geared to the economic conditions existing in the industry for smooth and effective operation. It must be broad and diversified to handle efficiently and economically the large quantities of material available and must also be flexible because of fluctuations in the amount of raw material available in any one year.

"In the event of a national emergency research on apples would assume considerable significance. Apple juice, apple juice concentrates and dried apple products would be of great importance to both the armed forces and civil population."

The department said 2,423,000 acres of land were devoted to growing apples which produce annually 150,000,000 bushels of the fruit valued at \$110,000,000. The commercial crop, it continued, amounts to about 90,000,000 bushels.

## DAILY DEVOTIONS DR. CHAS. A. EDWARDS

From the very earliest days of the most primitive religions, man has used music as one medium of expression in worshiping God, and as the church of Jesus Christ has developed through the centuries there has come with it the development of what we call congregational singing. Using every form of religious music, from the lightest of the gospel songs through the ponderous chorales of Bach and Luther, we still love to sing our praises to God. What an exhilaration passes through the heart of every individual as they meet in the house of God and join in singing the great hymns of the church. The chimes and the organ with their majestic melodies and the choir add greatly to worship, but even these cannot take the place of the worshiper, who makes his own melody. We should never be content to let others make our music for us. Let us join in worship to our Heavenly Father, who is the Giver of every good and perfect gift. The Psalmist David wrote so many hymns of praise: "I will sing of the loving kindness of the Lord with my mouth will I make known thy faithfulness to all generations. While I have my breath will I sing praises unto my God, for the Lord is good and His tender mercies are even before me. Amen."

It increased in production for several years. They said that researchers for finding new uses for apples would be carried on in both the eastern and western states by regional laboratories but added that all work in connection with frozen pack technology would be carried on in the west.

Back From San Francisco—Mr. and Mrs. Albert Mivelli have returned to their home on the Melbourne road, following a week's vacation in San Francisco.

## Carcasses of Hogs To Feature Shows

Two more market hog shows, such as were held for the first time last year, are again announced by the Oregon Swine Growers' association and the O. S. C. extension service, co-sponsors of these unique educational exhibits. The meetings will be held at Salem March 10 and 13, and at Albany March 18 and 21.

On the first day of each place, any hog grower may bring in a live hog to be entered in a carcass contest. Farmers will judge these while alive and will take part in a program discussion on market hog requirements. On the second meeting date at each place, the hogs brought in will have been slaughtered and the carcasses will be on display for general discussion. The farmer showing the best carcass will win the prize, but every farmer who participates will learn in an interesting and effective manner the relationship between live hog characteristics and the factors that make for best carcasses, says H. A. Lindgren, extension livestock specialist.

**OUR GOAL**



Service that pleases is the goal we set—and we make it, every time you use one of our taxicabs! As comfortable as an... easy chair.

**CALL TAXI 21**

IMMEDIATE SERVICE EVERYWHERE

foods obtainable in all stamp plan areas for March includes: Fresh grapefruit, oranges, apples, and pears, onions (except green onions), Irish potatoes, butter, raisins, rice, pork lard, all pork (except that cooked or packed in metal containers), corn meal, shell eggs, dried prunes, hominy (corn) grits, dry edible beans, wheat flour and whole wheat (graham) flour.

## Increase in Dairy Research Is Asked

More research in dairy products even if the college experimental creamery has to engage in commercial activities to obtain funds to finance it, was favored by the thirtieth annual convention of the Oregon Dairy Manufacturers' association in resolutions adopted at Corvallis. The new president, U. S. Long of Tillamook, was authorized to appoint a committee to confer with the dairy advisory committee of the state department of agriculture to study the problem of gaining more support for this work.

The convention also pronounced the improvement to the college creamery plant as satisfactory as a "temporary alternative," but pointed out that it still is asking for the construction of a new dairy products laboratory among the earliest projects of the state board of higher education. The convention urged the re-establishment of dairy products contests at the state fair, and endorsed the action of the Oregon Dairymen's association in asking a legislative appropriation of \$25,000 to continue the enforcement of the Oregon cream and milk grading law.

## Extensive Research Into Nut Production Planned

WASHINGTON, March 3.—(AP)—Agriculture department officials told the house appropriations committee during hearings on the agriculture appropriation bill it intended to carry on during the next fiscal year an investigation to determine the soil, climate and cultural requirements of the various kinds of nuts grown in the United States with view of breeding better and more suitable varieties and controlling disease.

The department said filbert production had increased from 2,000,000 to 4,460,000 pounds and English walnuts from 86,600,000 to 120,200,000.

## BIDS FOR WOOD

To be delivered to Garden Valley school—6 tier 16-inch old growth fir, 12 tier 24-inch oak and laurel block wood. Bids to be in hands of Clerk by March 10.

W. D. Love, Clerk, Rt. 2, Roseburg, Oregon.—(Adv.)

## Walnuts, Filberts Freed of Diseases

Latest information for the guidance of walnut and filbert growers in protecting crops against walnut blight and the filbert moth, has just been issued by the Oregon experiment station in the form of two mimeographed circulars of information.

A circular entitled "Walnut Blight Control in Oregon," by Dr. P. W. Miller, federal pathologist, gives the comparative value and cost of Bordeaux mixture and copper oxydate in the control of walnut blight. The latter is said to be more convenient, but costs about twice as much as the Bordeaux mixture at present prices. Directions for preparing the spray and timing the applications are given in the circular.

"The Control of the Filbert Moth" is the title of the other circular, by G. G. Thompson, associate entomologist of the experiment station. The filbert moth is responsible for the worm that attacks filberts, and is also found in acorns. A spray consisting of three pounds of lead arsenate plus a spreader and 100 gallons of water has given the best control among some 15 different materials tried. Successful applications have been made from late June to early August, depending on local conditions.

## Sheep Men to Be Told of Foreign Wool Production

Two meetings at which western Oregon sheep growers can hear first-hand reports of the sheep business in Australia and

**ANOTHER PLUS VALUE IN "CATERPILLAR" DIESELS**

**FUEL FILTER WARNS YOU**



When It Needs a Change

THE ENGINE in a Diesel tractor lives longer on clean fuel. So "Caterpillar" Engineers developed a fuel filter that (1) positively cleans out fuel impurities, (2) requires no regular care, (3) automatically warns you when the absorbent element should be replaced.

**DOUGLAS COUNTY Farm Bureau Co-op. Exch.**  
Roseburg, Oregon

# THE FEED BAG

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## Business For Profit

In one respect, it is creditable to business men that they seek to justify their lives by proclaiming their faith in SERVE. The motto "I serve" indicates that a business man's heart is in the right place, even if his head isn't.

Actually every man is in business to make money. When he ceases to seek a profit, he is not functioning as a business man, but as a philanthropist. The business motive is invariably a profit motive. Something may be done today at a loss, but it is always expected that such "services" will somehow later contribute to the major objective, which is profit.

Since this is so, Prof. Carl Tarusch, author of the book "Policy and Ethics in Business," suggests that business men ought to stop trying to identify themselves with doctors and lawyers. It is part of the code of ethics of a doctor that he shall minister to the needs of the sick and wounded without pay, if the patient has no money.

Business recognizes no such code, and never can. The contribution of business to the happiness and well-being of mankind is just as real as the doctor's or lawyer's. The function of business is to conserve capital, to improve the methods of production, to facilitate the exchange of goods, and to maintain a proper relationship between supply and demand.

## Cow Tales

In our quest for better sires and heifers we heard of a breeder near the coast who is boasting his herd average at an astounding pace, having raised it 50 lbs. this last year, from an already high average. But this man says: "Don't think this happened by accident, for it has taken several good bulls and years of culling to accomplish this."

That is a real foolproof system; but how could they have culled their cows systematically, had they not TESTED THE ENTIRE herd and found which individuals were really putting out the butterfat? Another thing he has found by experience is that it pays big to feed dry cows.

Coast dairymen don't feed grain. It was a pleasant surprise to see each cow getting grain, even though two-thirds of them were dry. The cows were in fine condition, but of course, they have to carry that reserve in order to expect a 60-lb. herd average of butterfat in May.

A few of his heifers were not quite as large as the rest, and there was a reason for that. Being on another place, they didn't get enough to eat the first winter. So now he has the BREEDING, but an undersized "mating" to utilize his feed.

## Self-Made

Mrs. Newlywed entered the dining room and proudly placed the turkey on her table.

## Test Cows Best in Milk And Profits

Figures printed in California show that cows under official test show up better than the average for the entire country. Average cow in the U. S. consumes \$48.00 worth of feed and produces \$88.00 worth of milk while the average cow on test at \$65.00 worth of feed and produced \$160.00 worth of milk.

Another way of figuring it: feed cost on low production was \$1.06 per hundred pounds of milk, and on high production was only 79c. So we would assume it pays to test your cows, improve production, then feed them a good ration, either Sunrise Dairy Ration or Umpqua Milk Maker.

## Mark Your Poultry

For your own information just a legband helps identify special birds you want for breeding. We have several types of poultry legbands, different sizes and priced right.

As an insurance against stealing, we strongly suggest tattooing your poultry. No other mark stands up in court, and if everyone knows your birds are tattooed you will probably not have to prove ownership in court. The cost is small, and protection great.

## More Proof of Quality

Even at the California State Fair, turkeys fed on Umpqua Feeds won every prize where shown when Earl Strong took six Narragansett birds and won six ribbons.

**YOU CAN PAY MORE, BUT YOU CAN'T BUY BETTER FEEDS**