

NEWS OF FARM LIFE

GRANGES

COUNTY AGENT'S REPORTS

CROP NEWS

DEPARTMENT OF AGRICULTURE NEWS

TURKEY DRESSING EXPERTS WILL VIE

Special Contest Announced For Annual Exhibit to Be Held at Oakland.

A special event of the Northwest Turkey show at Oakland December 2 to 12, will be a turkey dressing contest for pickers, according to Ed Young, manager. This will occur Wednesday, December 2nd, at 3:30 p. m.

Twenty entries are eligible and they are requested to register with the dressed show manager, T. B. Garrison, by Wednesday noon.

Rules for the contest are as follows: Each contestant to furnish his own bird and his own dressing tools.

Fifty points will be allowed for time of dressing, and fifty points for quality. Every bird must be finished in order to be eligible for prize money. In figuring time the elapsed time in minutes will be deducted from 50 points, and the remainder credited to the picker. Quality will be graded by the judges, 50 points being credited as perfect. The combined score will decide the winner.

Premiums are as follows: First \$10, second \$5, third \$5, fourth \$3, fifth \$3, sixth \$2, and seventh \$1.

Superintendents of the contest are Frank Sparks and Henry Jones.

H. P. Grinn, genial judge in the live show, has been appointed one of three judges to preside at the All-American Turkey show at Grand Forks the last of January. Mr. Lamson, the other Northwest live show official, has already served at Grand Forks two years.

Merchants of Grants Pass have contributed a sum of \$100 which will be given as special prizes to exhibitors from that vicinity. Sixteen different firms participated in this purpose. Grants Pass is planning on increasing the number of turkey flocks in that neighborhood.

Albers Flouring mills have donated special prizes which do not appear in the catalog. The Oregon Limestone Co. is also donating specials in the form of turkey grit.

Loon Lake grange of Ash valley sponsored a 4-H club achievement day for that community in connection with the annual Thanksgiving dinner, last Saturday.

There were 120 persons seated at the tables. Food was so plentiful that it could not all be placed on the tables at one time, so in order to keep it all before those present, it was kept on the move by "passing." The words of one man were, "It was necessary to eat between passes." There was turkey and all the trimmings.

The 4-H club members attending exhibited five dairy calves, three cows of chickens, ten chickens, twelve vegetable garden exhibits, ten cooking exhibits and two handicraft exhibits. These were all scored and ribbons awarded according to the scoring.

Under the auspices of the grange, the school staged a 4-H club entertainment which included a one-act play "Three Mice Flew," a song, a 4-H club creed, a demonstration by the Camp Cooking club on making fires, a recitation, "Why Johnny Left the Farm," a three-act play, "Polly Put the Kettle on," a Thanksgiving address by Luther Judy, master of the grange, a garden club demonstration, a club song, and a 4-H club talk by County Club Agent E. A. Britton.

The Loon Lake people carried 4-H club projects in health, livestock, camp cooking, art, clothing, cooking, vegetable gardening and handicraft. All clubs completed 100 per cent, with the exception of the Handicraft club.

A Handicraft club was organized at Wilbur last week by Kenneth Thompson, who will lead the club. Membership includes: Richard Sands, president; Junior Crocker, vice-president; Hollis Hill, secretary; and Waldo Hill, Elmer Russell, Wm. Fitch, Wesley Fitch, Chas. Smith and Chas. Toops.

Five Roseburg girls have formed a cooking club and will carry on the cooking project throughout the winter. They selected Mrs. L. E. Moore to lead the club. The girls are: Loraine Cole, president; Evelyn Hughes, vice-president; Phyllis Morlan, secretary; Peggy Fritts and June Hughes.

The 8th graders of the Riddle school have formed a Marketing club for the purpose of studying the various phases of marketing. Leland Marter, 8th grade teacher, is leading the club, which has as its president, James Nichols, with Gwendolyn Howard vice-president and Myrtle Griggs secretary.

The Day school near Unquon has formed a 4-H Health club of fourteen members. Junior Van Keuron was elected president of the club. Evafay Fessler vice-president.



Frank Neborsky, 16, shown with a pedigreed barred rock cockerel, won the title of "best poultry boy of the year" at the poultry industries exhibition in New York City. Frank, who has a chicken farm at Stockton, N. J., has 600 laying hens and 1,200 chicks. His ability to sell the 6,559 dozen eggs gave him the title.

Incubation Experiments Conducted in Effort to Provide Improved Hatching For Chick Industry of United States

The incubator has all but replaced the setting hen since the poultry industry has become commercialized to the extent that more than a billion chicks are hatched annually in the United States. However, it is estimated by the United States department of agriculture that more than 1,800,000 eggs are used in hatching the 1,100,000,000 chicks, indicating that the incubator probably is not so efficient as it might be.

In order to cut the \$14,000,000 loss in hatchability, poultry specialists of the bureau of animal industry started an exhaustive study on the effects of temperature, humidity, and other factors of hatchability 12 years ago. The work was under the direction of Herbert G. Barrott, technologist of the animal husbandry division of the bureau.

More than 4,000 eggs were incubated in 44 three-week tests in which Barrott determined that an incubator temperature of 100 degrees Fahrenheit is best for hatching purposes. By the same careful analysis Barrott determined that best hatching results were obtained when the humidity in the incubator was held at 60 per cent, the oxygen content at 21 per cent, and the carbon dioxide at not more than 0.5 per cent.

Careful Check Made. Carefully selected and candled eggs from a flock of White Leghorns were used throughout the tests. Precision instruments also were used. The incubation chamber was a respiration calorimeter, which afforded a means of keeping constant the temperature, humidity and other physical factors. The gas confined in the chamber was kept in circulation, and oxygen was constantly supplied to replace that used. The gaseous products—mostly carbon dioxide and water vapor—given off by the growing embryos were removed constantly. Each of the different factors was checked carefully. In arriving at the best temperature, Barrott tried several different temperatures as follows: 96, 98, 99, 100, 102, and 103.5 degrees. Not only was the hatchability greatest at 100 degrees, but the chicks hatched under that temperature also were superior in appearance and vitality.

60 Per Cent Best. The effects of relative humidity were studied in tests with humidity ranging from 5 to 87 per cent. The best hatches were obtained at 60 per cent. Any deviation from 60 per cent, either above or below, decreased the hatch.

Incubation experiments using 15, 18, 21, 30, 40 and 50 per cent oxygen showed best results at 21 per cent. The decrease in the size of the hatch was noticeable when less than 21 per cent was supplied, and when 30 per cent or more was used there was also a decrease in hatch. Barrott also suggests that the temperature should not vary more than 0.5 degree F. from the optimum of 100 degrees F. The relative humidity may vary 10 per cent with no serious detrimental effect, but the oxygen content should never be allowed to drop below 21 per cent or the carbon dioxide to rise above 1 per cent.

In the modern hatchery incubator the proper humidity for incubation will be maintained if the average daily loss in weight of the eggs from evaporation amounts to nine ounces per 100 eggs. This affords an easy and practical method of gauging the humidity. Ventilation that will keep the humidity at the proper level also will keep the carbon dioxide and oxygen concentrations at the proper levels for the first two weeks. After this time, the ventilation should be steadily increased to the end of the incubation and additional moisture added to provide the proper humidity.

LAKEVIEW, Nov. 23—The Lake county grand jury returned a not true bill to manslaughter charges in the case of Lieut. E. C. Coates and Dr. T. C. Hunch, both of Medford, who were involved in a fatal hunting accident near here last fall.

LOST Large fox terrier, white with black spots. Near Winston. Answers to name of "Corky." Reward. Phone 2141.—Adv.

Foursquare Gospel Church ROSEBURG presents **REV. RALPH UNDERWOOD OF PORTLAND, OREGON** Nationally known ex-atheist lecturer, debater, associate editor of a California infidel magazine

in a Revival Campaign, Prophetic reference and City wide Crusade against Unbelief. **Beginning Thursday, Nov. 26, 1936** 7:30 P. M. **EXCEPTING MONDAY Don't Miss a Night!**

TWO CHAMPS

RANGE PROGRAM OFFER STILL OPEN

Applications for Benefits For Improvement Will Close Nov. 25th.

Livestock growers of Douglas county interested in the range improvement program have until November 25 in which to file applications to participate in the program for benefits, according to information received by the county agent's office. Applications bearing a post mark of the 25th will be accepted.

It should be clearly understood, states J. Roland Parker, county agent that any work done upon range or grazing lands for benefits under the program must be approved by the examiner and that all improvements must be completed not later than December 31 of this year. Prompt attention is being given each application as it is received as the time permitted to complete required work is relatively short and stockmen will be runned to meet compliance requirements.

A total of seven range improvement practices have been approved for Oregon, two of which are of chief interest to local livestockmen, namely building of fence and development of springs and wells. A benefit of 30 cents a rod is allowed for building fence and \$50 for developing a spring or \$1 a linear foot for a well. Benefits allowed must be earned, however, and are based upon the number of animal units a ranching unit will carry for 12 months. The maximum benefit allowed per animal unit is \$2.

Application forms are available at the county agent's office and all livestock growers desiring to make application or learn in greater detail provisions of the range improvement program are requested to contact the county agent at once as November 25 is the last day applications will be accepted.

1937 AAA PROGRAM SOON TO BE DRAWN

Early completion and announcement of details of the 1937 agricultural conservation program is promised by officials of the AAA in the western region and at Washington. The latest move in speeding up the program is the calling to Washington of representative farmers and extension men from all parts of the United States to assist in final consideration of the many suggestions made at community, county and regional meetings held throughout the United States last October.

The outstanding proposal made by the Oregon delegation, which was heartily seconded by those from Washington and Idaho, is that the entire plan be simplified much along the lines now incorporated in the range building program. If this is done every farm will have a maximum benefit payable.

Still Coughing?

No matter how many medicines you have tried for your cough, chest cold or bronchial irritation, you can get relief now with Creomulsion. Serious trouble may be brewing and you cannot afford to take a chance with anything less than Creomulsion, which goes right to the seat of the trouble and aids nature to soothe and heal the inflamed membranes as the germ-laden phlegm is loosened and expelled. Even if other remedies have failed, don't be discouraged, your druggist is authorized to guarantee Creomulsion and to refund your money if you are not satisfied with results from the very first bottle. Get Creomulsion right now. (Adv.)

ment set, which may be earned by the farmer through following one or more of a number of approved soil building practices. This would eliminate much misunderstanding on the part of the growers, would do away with a large percentage of the "paper work" now required, and would at the same time accomplish the major objectives of soil conservation, the Oregon officials believe.

FLOWER INDUSTRY HELPS FARM AREA

MONTARA, Calif. (AP)—Farmers of this little coastal area have found a unique answer to agricultural problems in the raising of "everlasting flowers."

Every night trucks lumber out of the meat lands here, once devoted almost exclusively to artichokes, bearing carloads of a small chrysanthemum that never wilts. There is only a brief three-month season in the fall but during that period about 20,000,000 flowers are exported. Most of the sales are in the east.

TURKEYS TATOOED TO BALK RUSTLERS

DENVER, Colo. (AP)—Western ranchers who fought old-time cattle rustling with branding iron and six-gun today combat the modern "turkey rustler" with tattoo mark and burglar alarm.

Nearly every turkey in Colorado has been branded in an effort to protect a record crop of gobblers from a record crop of thieves.

"Turkey thieves wait until the growers fatten the birds for market before they start stealing them," says Ben H. Cook, field organizer for the state director of markets. "Then they have no cost whatever except to pick them and carry them to market."

Large growers have installed burglar alarms in their pens but the smaller raisers permit their turkeys to graze and roost in the

"wide open spaces," where they are easy prey to night-riding rustlers who steal by the truckload. The "brands," first resorted to several years ago, have been effective in stopping some of the rustling, Cook said. Each grower is assigned a number which is tattooed to the turkey's wing under the feathers. Produce houses check these numbers against records kept in the market office when they purchase birds. Cook said this year's crop would probably equal the 1934 record when Colorado shipped 250 carloads—about 400,000 dressed birds—to market.

FRUIT MARKETING REFORM NEEDED

CORVALLIS—Dates for the 1936 small fruits conference and short course at Oregon State college have been announced for December 2 to 4, inclusive, by Dr. W. S. Brown, head of the department of horticulture. The first day will be devoted largely to soils improvement and irrigation subjects; the second day to diseases, new varieties and handling methods; and the third day marketing and marketing laws are to be thoroughly discussed. The course is open without charge to all interested, and there are no organization matters connected with the conference, says Dr. Brown.

Annual Turkey Show Dance THANKSGIVING NITE

Thursday, Nov. 26th
OAKLAND TURKEY SHOW BUILDING
MEN 40c LADIES 10c
To the Music of Burr Druliner and His Oregonians

REMODELING SALE

All these Must Go!

Boys' Hi-Cuts
Composition soles. Sizes 2 1/2 to 6. Reg. \$2.49. **\$1.77** special

Used Ironer WITH COVER
New price, \$51.95, now **\$43.95**

ELECTRIC Washing Machine
Reg. \$87.95, **\$69.95** special

They're Moving out Fast

Boys' Blue Broadcloth Dress Shirts
Reg. 69c, **44c** special

Men's Long Sleeve Polo Shirts
Reg. 69c, **33c** special

Women's Hose
Reg. 59c, special **43c**
Reg. 49c, special **33c**
Reg. 25c, special **12c**

Women's House Slippers
Reg. 79c to 98c, **59c** special

Walnut End Tables
Reg. \$4.98, **\$3.98** special

Simmon's Studio Couch
Damaged, **\$29.95** special

Boys' Slipover Sweaters
Reg. \$1.49, **66c** special

Boys' Suede Cloth Jackets
Sizes 14-16, Reg. **88c**
\$1.89, special

Men's Khaki or Whipcord Trousers
Sizes 36 to 44 waist, Reg. \$1.49, **99c** special

2-PIECE Living Room Suite
Green or rust tapestry. Reg. \$74.95, **\$64.95** special

Lounge Chair AND OTTOMAN
Rich mohair. Reg. \$47.95, **\$34.95** special

Floor Lamps
Values to \$9.95, **\$4.98** special

Boys' Overall
Waist or bib. Sizes 12-14-16, special **44c**

Boys' Dress Trousers
Soiled. Reg. \$1.98, **88c** special

Ladies' Purses
Black, brown or navy. Reg. 98c, spec. **42c**
Reg. 50c, **29c** special

at WARD'S
Clearance of Odds and Ends damaged and Soiled Merchandise.

Indian Blanket
Reg. \$2.98, **\$2.49** special

Men's Cotton Union Suits
Medium weight, Reg. 79c, special **66c**

Men's Dress Shirts
Reg. 98c, **88c** special

Boys' Wool Melton Cloth Jackets
Reg. \$2.79, **\$2.54** special

Men's 9 1/2 Oz. Moleskin Pants
Reg. \$1.89, **\$1.72** special

Boys' Hi-Cuts with Knife Free
Reg. \$3.49, **\$2.99** special

Women's Suede Woolie Slippers
Brown or Blue, Reg. \$1.19, spec. **98c**

Men's Homesteader Work Shirts
Reg. 69c, **59c** special

Basketball
Reg. \$1.98, **88c** special

Football
Reg. \$1.98, **88c** special

Lunch Kit with Pint Vacuum Bottle
Reg. \$1.29, **99c** special

Pint Vacuum Bottle
Reg. 79c, **68c** special

Shotguns
12 gauge, 30-inch double barrel, reg. \$19.95, spec. **\$18.88**

Western Field Repeater
12 gauge, 30-inch barrel, Reg. \$26.45, **\$22.88** special

1936 RADIOS
12-tube radio, reg. \$82.95, remodeling sale **\$68.88**

7-tube radio, reg. \$59.95, electric 3-band, sale \$49.95

7-tube radio, reg. \$49.95, electric 2-band, sale \$34.95

16-tube radio, reg. \$198, electric 4-band, sale \$119.95

5-tube radio, electric, reg. \$19.95, sale \$14.95

7-tube radio, reg. \$59.95, battery set, sale \$49.95

MONTGOMERY WARD