

Wet Litter Cure Declared Found

Use of Floor Heating Urged to Avoid Difficulty

Wet litter, which is one of the most serious problems that confront poultrymen during the winter months, can be both satisfactorily and economically controlled by floor-heating, stated F. E. Price, agricultural engineer of the Oregon State college, at the monthly Washington county poultrymen's meeting, according to L. E. Francis, assistant county agent. The meeting was attended by 36 poultrymen.

Numerous attempts have been made to control wet litter by ventilation, according to Price. However, no dependable relationship has been demonstrated to exist between poultry-house ventilation and wet litter in Oregon. Wet litter is caused by the moisture in the air condensing on the floor, due to the fact that the temperature of the floor is lower than that of the air. The principle involved in floor-heating is to raise the floor temperature above that of the air and thereby prevent the condensation of air moisture.

Price discussed the floor-heating system used in the state college laying houses, which consists of a series of eight-foot chambers built between a double floor. Warm air is driven through these chambers by an electric fan. The cost of operation for a 24 by 60 foot laying house with 500 hens was approximately \$3.75 per month when operated on a half-time basis.

Other methods of floor-heating have been used very satisfactorily. One method involves the use of hot water pipes laid either in grooves in a concrete floor or on top of the floor. Tightly boxing in the area under a poultry house and heating this entire area is another method which can be used where a house is raised a few feet above the ground. It is very necessary when the latter method is used that provision be made to allow ample circulation under the house during the summer.

For further details of floor-heating as well as other features of poultry housing, poultrymen are referred to extension bulletin No. 480 entitled "Poultry Housing," which is available at the county agent's office.

Golden Flood Pours Daily Into F. G. Creamery Plant

(By Leon Davis)

You push the valve down here, the cream goes round and round. See the butter come out!

This is the song of the churn and the milkmaid. You'll find the valve in the Forest Grove creamery right next to the \$1000 churning unit recently installed, which is capable of producing, at one churning, 1000 pounds—half a ton piece—of golden butter made from selected Washington county cream.

The cream is the product of some 600 Washington county farms, and some in Yamhill and Columbia counties. Three trucks, busy throughout more than the daylight hours of the winter, cover all of the county except that portion east of Beaverton, according to J. Propstra, manager.

"If farmers would be more careful about feeding strong feeds, giving them to the cows after milking instead of before, we would have less trouble with bad cream," the manager declared. Season seems to make little difference with the condition of the cream, he said, as the amount received in the summer is about the same as during the winter. However, the amount of bad cream is surprisingly small.

While the Argus reporter was visiting the creamery, the crew was unloading a truck of cream. The driver, weigher and tester were busy lining up the cans, recording weights and making tests. After testing, the cream is dumped into the pasteurizing tank, where live steam is forced through a revolving coil, making the cream sterile before it is cooled by ice water in the coils and dumped in to the churn.

The churn throughout has modern equipment from testing department to cold storage. Behind the manufacturing plant is a large garage for truck storage which also houses the steam boiler and refrigeration machinery. White walls and cement floors kept washed, give an air of freshness to the plant at all times.

Next to the cream room is the office where business records are kept. Here the cream weights and

Program Postponed Account of Illness

(By Ruth Lundgren)

ELMONICA—Program, scheduled for March 12 in the new Union grade school auditorium, has been indefinitely postponed due to scarlet fever which has afflicted many of the students.

Roger Johnson, freshman at Oregon State college, came home from Corvallis on Friday for treatment to an infected cheek. He planned to return to school Tuesday or Wednesday.

Dance at the Barnes school Friday night was successful. Next dance will be March 20.

Mr. and Mrs. E. R. Stromquist of Tigard were dinner party guests of their son-in-law and daughter, Mr. and Mrs. Robert Johnson, Saturday night.

Visitor Reports Improved Business

(By Mrs. Charles Sellers)

FIRDALE-OWAS HILL—Mr. and Mrs. Raymond Gerig and small daughter Juanita Mae of St. Helens visited their parents, Mr. and Mrs. Sam Gerig Sunday. He is employed at the St. Helens paper mill and reports that times are better there since the first of the year.

Callers at the Sam Gerig home last week were Mr. and Mrs. Carl Fisher, Mr. and Mrs. Albert Gerig of Salem and Mr. and Mrs. Clarence Carson of Portland.

Thursday dinner party guests at the Charles Sellers home here were Mr. and Mrs. Albert Stafford of Taft.

While in Portland one day last week Sam Gerig visited his nephew, Albert Dallman, who is in the Good Samaritan hospital, Portland, recovering from a recent operation for appendicitis.

P.-T. A. Meets Orenco Tonight

Mrs. Rose Honored; Harmony Club Meets Friday

(By Mrs. Hugh Bordette)

ORENCO—There will be an adult meeting of the Parent-Teacher association Thursday evening in the school auditorium. It will be Dads' night. Devotions by Mrs. M. J. McEntee. Topic: "Art in the Home and art in the life of a child" by Mrs. A. O. Pitman. Hostesses will be Mesdames G. A. Robson, H. E. Burdette, H. E. Scheidt and George Goodman.

Mrs. Rose Honored
The Women's Circle met in the church parlors last Wednesday afternoon. A special program and surprise was given in honor of Mrs. Nathaniel Rose on her 73rd birthday.

Day. There were 25 present. Out of town guests were Mrs. John Sinclair and daughter Marjory of Leislerville. Hostesses for the afternoon were Mesdames Fred Quaintance, Louise Madden, George Goodman and Glenn Robson.

Dale Baughman left Friday for Seattle and from there will go to Salt Lake City to resume his work with the National Magazine company.

Mrs. George T. Pratt of Spokane visited friends here Sunday. She has been visiting in Salem and Albany for the past three weeks.

Miss Viola Warren returned Tuesday from a two months' visit at the Tim Doherty home at Burns.

Club to Meet
Harmony Club met with Mr. and Mrs. W. H. Ring Friday evening. Twenty-four were present. Mrs. Agnes Bryant was master of ceremonies. Next meeting will be at the G. A. Robson home March 13 at 8 o'clock.

Woman's Missionary society will meet at the manse next Wednesday

Anderson will lead the discussions on foreign missions topic, Japan. National missions topic, "The For-eigner in America."

W. Bruce Taylor left for his home in Vancouver, B. C., Friday after spending two months with his cousin, Mrs. W. F. Hunter, and other relatives.

Larry Daniels, who has been ill several weeks at the home of his mother-in-law, Mrs. Eva Brandenberg, was taken to the tuberculosis sanitarium in Salem last week.

M. J. McEntee and son Morris spent the week-end at DePoe Bay.

JOHN MILLS
John Mills, 85, died at Tigard and funeral services were held there March 4. Interment was in Crescent Grove cemetery. Deceased is survived by widow and a daughter, Mrs. T. H. Gornley, Vancouver, Wash., and John F. Mills, Tigard.

Sohler Sells Eight Pigs on Classified Argus Ad

A. T. Sohler obtained real results from the use of advertising in the Argus classified page—"The great market place of Washington county." He sold eight eight-week-old pigs on the day the paper was distributed and before they re-

ceived their own paper. Many more came later, they said.

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Buxton Townsend Club Meet Tonight

(By Mrs. Jessie Meyers)

BUXTON—Buxton Townsend club will meet at the Grange hall tonight (Thursday).

Erin Stowell is home from Smith's hospital in Hillsboro, where he was ill last week.

W. B. A. will meet in all-day session Saturday at the Grange hall.

A dance will be given at Manning Social club hall Saturday.

Mr. and Mrs. Valentine were given a farewell party at the Seabold home. They left the following day for Redding, Cal.

Oren Frost was home from Tillamook for the week-end.

Mr. and Mrs. Jack Roths (Eva Ingles) of Portland spent the week-end with Mrs. Roth's grandmother, Mrs. Rhoda Watson.

Harold Morgan of Goldson, accompanied by Ray Boyd of California, visited the former's uncle, C. A. Morgan, last week.

Week-end visitors at the Powell home were Mr. and Mrs. Glenn Jones, and Mr. and Mrs. Arley Judsoph of Portland and Mr. and Mrs. Robert Place of near Clarke & Wilson camp.

Mr. and Mrs. D. Cornutt and Stanton and Patty Rhea spent the week-end with relatives at Woodland, Wash.

Mrs. M. B. Watson is spending the week with relatives at Vernonia.

County Resident Many Years Dies

HITEON—John Caldwell, 79, died at his home at Tigard March 2, after a few days' illness. He was born in Ontario, Canada, September 24, 1856, moving while young with his parents to Illinois.

They came to Oregon 57 years ago, being among the first to cross the plains with horses and were among the first settlers in this neighborhood.

Mr. Caldwell was married to Miss Ada Frewing of Tigard in 1892 and they resided on the old home place until a few years ago when they built a new home at Tigard. Mr. Caldwell was always actively interested in all county improvements and helped to build the church at Progress corners. He was a trustee of Crescent Grove cemetery, from its inception until two years ago.

He is survived by his widow and four daughters, Miss Elsie Caldwell and Mrs. Ruth Anderson of Tigard, Mrs. Mildred Bacon of Hiteon and Mrs. Eleanor Cutting of Portland and seven grandchildren.

Funeral services were held Wednesday from the Tigard Evangelical church with interment at Crescent Grove cemetery.

Lifelong friends acting as pallbearers were Chris Christensen, Ernest Hite, A. B. Flint, Henry Hesse, William Hielman and Nicolai Kierth.

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A thorough overhaul such as we can give your Radio in our modernly equipped shop will make it work like new again—and possibly save you the tragedy of having the Radio stop during your favorite program. It doesn't cost much either. Estimates free.

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HILLSBORO GREATER STORE

We Give You a STORE

For the past two months carpenters, electricians, and painters have been busy in our store—redecorating, remodeling, and installing new fixtures. A Neon sign has been installed over each department. The best material obtainable has been used on our new store front. All work was done by local contractors. No expense has been spared to make this one of the finest, modern variety stores in the Northwest. It is an expression of our faith in your future. You have been good to us and we have tried to show our appreciation in values and service, and doing our part in civic effort. This expansion is a further pledge and reflects our confidence that Hillsboro will continue to prosper and progress. We cordially invite you to visit our store on the opening dates—

Two Big Days - Friday and Saturday - Mar. 13 - 14

Peanut Brittle New crop peanuts Strictly fresh Friday and Saturday only 1 lb. 10c	New Stock JEWELRY for EASTER Just arrived Smart and Stylish 10c 15c	Five Quart ALUMINUM Tea Kettles 24 Gauge 49c	Toilet Goods Save Here PONDS TISSUE 500 count 25c 35c Jar Ponds Cream 25c	200 Decorated China Plates 7-inch Assorted Patterns See them 5c each
Glass CAKE PLATES Footed, 10-inch square A Sprouse value. 15c Glass Cookie Jar...20c 9-oz. Tumblers, 3 for 10c	Dress and Coat FLOWERS NEW - - Just arrived from New York. 10c to 25c	Ladies' BELTS New Spring Pastel Shades A big value 5c each	Infants' Hand Embroidered DRESSES and GERTRUDES 25c each	
GARDEN TOOLS Trowels, Planters Weeders 10c	Men's Rayon Dress HOSE Assorted Patterns All Sizes 10c Pair	COLLAR and CUFF SETS Organdie, Silk, Lace All New Spring Styles 49c	Ladies' Silk HOSE Full Fashioned New Shades Semi-Service Weight 49c Pair	SAN-NAP-PAK Sanitary Napkins 12 in package 2 for 29c Adjustable Sanitary Belt... 10c
POLISH MOPS With Handle 35c	Carving Set Stag handle, stainless steel knife. 25c	IRON CLOTH New Patterns 46-inch. Yard 25c 50-inch. Yard 30c	PARING KNIVES Stainless Steel 10c ENVELOPES Return Address 25 count Pkg. 5c IRON CORD SET 6-foot cord Complete 20c TOOTH POWDER Dr. Lyons... 10c Hot Water Bottle New Stock 30c Dr. Ellis Wave Set New, 6-oz. bottle, 2 for 19c	PAINT UP FOR SPRING Enamel - Varnish Paint and Varnish Stain 10c 15c 25c Per can Varnish Brush 2-inch 15c
Johnson's Floor Wax 10c 20c	White SHOE POLISH 10c DISH PAN Enamel, 17-quart 49c STATIONERY Fancy Boxed and Package 20c SPRING BUTTONS Fancy, new. Card 10c RAYON HOSE Knee length. Pair 25c Cake Cover and Tray, Complete 49c Toy Sand Pail and Shovel 5c 10c 15c	Table Squares 48-inch. Each 44c Large assortment	Shoe Polish 2 in 1 Black, brown, and tan 10c	

Now's the Time to Start a GARDEN

It's the thing to do in spring—it is part of the season—start a garden and watch it grow!

Seeds, Bulbs
Plant your garden this spring with quality seeds that are sure to grow. Now is the time to plant Peas, Radishes, Tomatoes, Potatoes and Cabbage for the vegetable garden. All varieties of flower seeds and bulbs should be planted early.

Garden Guards
Protect your garden from insect pests with effective garden guards.

Tools
We have a full line of handy tools for gardening.

Farmers' Cash Store
Phone Hillsboro 2961
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Shrubs

Dress up your yard with ornamental shrubs and flowering plants that will set off your home to advantage. See our complete quality stock.

Lawns

A beautiful, well-kept lawn is a real asset—it makes your home more attractive and livable. Let us advise you on building a new lawn or reviving an old one. All varieties of grass seeds.

Fertilizers

Will assure a good Lawn or Garden—Phosphates Ammonia Sulphates "MORCROP" (A complete fertilizer)

Our classified columns may have just what you are looking for—Read them.

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