

J. R. HARLAN SAYS, 'DON'T SET BEST HENS'

Gresham, Ore., Mar. 22, 1916.

Editor Outlook:—

Points on improving the farm flock.

Use incubators and don't allow best hen to spend time hatching.

Feeding Chicks of All Ages.

Improvement with farm animals comes from proper methods of "selection" and breeding. Feeding enables the animal to do its best, but its ability is determined by its breeding. This being true, it will be seen that failure often comes through improper methods of breeding. If the proper matings are made for the breeding yards, the flock next year will be better than this year. If improper selections are made the flock will not be as good as this year, and if eggs for incubation are taken from a mixed flock in a haphazard manner, uncertain results will be sure to follow. One mistake often made is to set the first hen to go broody in the spring. The best hen on any farm is the hen which lays during the winter season, and she is usually the first hen to go broody in the spring. About the time the winter layers go broody, the non-winter layer begins to lay. By setting the first hen to go broody in the spring on eggs from the flock usually means that good winter layer is set on the non-winter layer's eggs and the result is the good winter layer spends three weeks incubating the eggs and perhaps six weeks brooding the chicks. The final results are that the good hen has spent about nine weeks raising a brood of chickens from a poor laying. The better plan is to select the good winter layers and place them in a breeding yard with a good male, and by using their eggs for incubation, we can raise chicks from the good hens, which will improve the egg production of the flock. When incubators and brooders are used it is easier to get chicks from the winter layers, for incubation can be done earlier in the season, and last, but not least, before the poor layers begin to lay. In order to secure a good hatch of strong chicks, care must be used to select eggs which have good shell texture, and are uniform in size and shape. One reason why a hen which steals her nest usually hatches a good percent is that the eggs are all uniform. No one can get a good hatch from an incubator if the eggs are large and small, long and round, and have thick and thin shells. If one doesn't understand the art of mating to produce eggs uniform in size and shape, then select your eggs for incubation with this in view—uniformity. It will help sure and will also prevent so many culls.

Feeding Chicks of all Ages.

Many methods of feeding are successful.

First forty-eight hours—Yolk in body supplies the food, so do not feed.

First Week—Hard boiled eggs, ground fine, shell and all. Oat meal

and bran, equal parts, fed in form of mash five times per day. Give sour milk all they wish. Keep fine, sharp sand before them.

One to Five Weeks—Equal parts of wheat bran, shorts, oat meal and corn meal, used as a mash in hopper with two pounds of charcoal and one half pound to one pound of fine salt to every one hundred pounds of mash. Sour milk or water should be before birds at all times and equal parts of cracked corn, fine cracked wheat, cracked rice and oats, to be fed in litter. Keep them busy.

Five Weeks to Maturity—One part ground oats, one part shorts, one part wheat bran, one part corn meal, one-half part animal meal, one-fourth part bone meal. Use this as a mash in hopper and give equal parts cracked corn and wheat in litter twice each day.

Balanced Egg Ration.
One pound corn, 100 pounds wheat, 20 pounds shorts, 20 pounds bran, 20 pounds oats, 20 pounds corn meal, 20 pounds animal meal, 10 pounds alfalfa leaves and blossoms. Two pounds of charcoal and one half to one pound of salt should be added to each one hundred pounds of mash.

Yours for more and better poultry,
J. R. HARLAN,
R. 2, Box 200, Gresham, Ore.

Climatic Districts.

Professor R. DeC. Ward, after treating earlier and present climate subdivisions of the United States, proposes a new scheme based on the following principals: "The subdivisions should be chosen because of their special relations to cyclonic and anticyclonic tracks and movement; to local and characteristic weather distribution around low and highs; to cyclonic and anti-cyclonic winds, and because of general similarity of weather types over each province. Finally, the districts should, as far as possible, be the same as those which have been officially adopted in the publication of the meteorological and climatic data of the region." He makes eight provinces. The eastern province includes all the eastern United States except for the gulf province, a strip along the southern coast extending inland about 200 miles from the Gulf of Mexico. The two plains provinces have their eastern boundary roughly set at the one-hundredth meridian—more exactly on the 2,000-foot contour. The two plateau provinces begin at the main crest of the Rockies and the two Pacific provinces occupy the region west of the crests of the Sierra Nevada and Cascades. The line dividing the northern from the southern Pacific plateau and plains provinces follows in general the southern boundaries of Oregon, Idaho, Wyoming and Nebraska. These serviceable subdivisions, but also can be easily remembered.

Tailoring.

For men and women—cleaning, pressing and repairing done well. Peter Lenard, Powell street.

For garden making hoes, rakes, spades, wheelbarrows, etc, priced at Sterling & Kidder Hdw. Co.

ROCKWOOD

Mrs. Wm. Jelken entertained Mr. and Mrs. Chambers at 6 o'clock dinner on Thursday last. Mr. and Mrs. Chambers have gone to their old home in Denver, Colorado.

Mrs. Lilly Hamilton of Omaha, Nebraska, is visiting her brother, Peter Weiland.

Mr. and Mrs. Max Reuhle and Mr. and Mrs. E. Simpson attended a card party at the home of Fred Winters on Saturday evening. Mr. Winters lives in Portland and is a brother of Mrs. Reuhle and Mrs. Simpson.

A very pleasant afternoon was spent at the home of Mrs. Arthur Kreofsky on Saturday last, when a number of ladies gathered to visit Mrs. Elsie Hollaender of Portland. Mrs. Hollaender was formerly of this place. She will soon go to Cincinnati, Ohio to live with her mother. During the afternoon a delicious luncheon was served. Those who partook of Mrs. Kreofsky's hospitality were Madams Max Reuhle, Walker Quesinberry, Lewis Jensen, Sam Bliss, Wm. Rowen, Miles Grimshaw, Anton Schantin, Willard Cook, Elsie Hollaender and Miss Margaret Schantin.

Mr. and Mrs. J. H. Nash spent Sunday with Mrs. Nash's parents, Mr. and Mrs. John Richmond.

Mr. and Mrs. Ross Lovelace are the happy parents of a little daughter, born March 22.

TROUTDALE

The Parent-Teachers' association will hold an April fool party at Masonic hall on Saturday evening. An informal program and entertainment will be given and refreshments will be served.

Boring School Notes.

Those on the roll of honor for March are: Primary grades, Katharine Andregg, Ray Nass, Melville Richey, Charles Mack and Kathrine Lang.

Intermediate grades, Elsie Adams, Ruby Dodd, Nettie Schwartz, Samuel Gregson, Lester Boring and Laurence Mack.

Grammar grades: Myrtle Dodd, Cassie Beck and John Aemissegger. Clyde Corder has left school and is working at Cottrell.

Effie, Alean, Earl and Floyd Duley started to school at Boring on March 13.

Blanche Adams has been absent from school during the past week on account of illness.

Mr. Vedder, the county school supervisor, visited our school Friday.

Miss Acheson's pupils got the half holiday Friday for having the highest per cent of attendance.

The home basket ball teams played the teams from Cottrell. The scores were 8 to 10 in Boring's favor in the girl's game. The Boring boys won with a score of 12 to 6.

FAIRVIEW

The Parent-Teachers' association will meet at the schoolhouse on Friday afternoon, March 31, when industrial club work for boys and girls will be discussed. A good musical program will be rendered.

The school children are busy selling tickets for the moving picture show, which will be given Wednesday evening. The proceeds will be used to purchase a bubbling fountain for use at the school.

Quarterly communion will be held at the Presbyterian church next Sunday. H. A. Fuller will be ordained an elder.

Work has commenced on the road crossing, which will be placed under the O. W. R. & N. tracks. The road will be widened considerably as far as Cedar street. This will be an important change and will obviate the danger of this grade crossing.

Fairview grange will meet in all day session next Saturday. C. B. Lewis of Russellville grange will speak on horticulture. Mr. Lewis is a graduate of Oregon Agricultural college and has made a trip to Europe in pursuit of his study of the subject of horticulture. The grange will discuss the question of beautifying the home grounds.

A huge migration of rats has recently disturbed the activities of Petrograd, investing the custom house and grain markets and marching en masse through Nevesky Prospekt, where thousands were smashed by trolley cars and killed by men and boys, the total "invading army" being estimated at close to 50,000.

Rank Foolishness.

You occasionally see it stated that colds do not result from cold weather. That is rank foolishness. Were it true colds would be as prevalent in midsummer as in midwinter. The microbe that causes colds flourishes in damp, cold weather. To get rid of a cold take Chamberlain's Cough Remedy. It is effectual and is highly recommended by people who have used it for many years as occasion required, and know its real value. Obtainable at Gresham Drug Store.

PLEASANT HOME

A mothers' meeting will be held at the home of Rev. and Mrs. C. M. Brown, Friday afternoon, March 31, under the auspices of the Women's Christian Temperance Union. Mrs. Mary Mallet of Portland will be present and speak on the subject "Patent Poisoning." A social hour will follow the address, when refreshments will be served by the ladies of the Union. Mothers are specially invited.

William H. Maxwell, an old resident of this community, has been quite sick at the home of his daughter, Mrs. Helmer Johnson. His condition is said to be improving.

It is reported that William McAlpine is seriously ill at Good Samaritan hospital in Portland, where he is being cared for.

Miss Gertrude Iekler has been helping Mrs. Arthur Burns, of Victoria, for the past week.

Mr. Miller has been ill at his home for the past week.

POWELL VALLEY

The Parent-Teachers' association of Powell Valley will hold its regular meeting at the schoolhouse Wednesday evening, March 29 at 8 o'clock. E. L. Whitney, principal of Oakley Green school of Portland will address the meeting. Patrons and friends of the school are invited.

Lynch School Notes.

The seventh and eighth grade agricultural class spent an hour at Mr. McKeown's dairy farm Friday, where they received a practical lesson in judging dairy cows. Master Dave demonstrated the operation of the Babcock tester for the benefit of the class. The boys saw there the ideal in dairying from which they will no doubt profit.

Mr. Armstrong, accompanied by four prospective teachers from the Lincoln high school, visited us last week. He promises to come again soon and standardize the school, which has been ready since last fall.

Mrs. Vall, from the Oregon Congress of Mothers, addressed the Parent-Teachers' association Friday Wednesday evening, March 29th. Principal McCormick of Gresham grade school will deliver a lecture at the Lynch school. All neighboring districts are invited.

A row of fir trees has been set out along the east side of the school-house through the kindness of Messrs. Herbert and Jack Lynch.

A New Textile Fiber.

A French inventor, M. Jean Mondamert de Saint-Rene, has just created a new industry in textiles by discovering a method of carding, spinning and weaving kapok, says Jacques Boyer, in the Scientific American Supplement. Kapok is a silky down from bombax, or silk cotton trees, which are well distributed in the tropics, especially in the West Indies, South America and the Sudan. There are now fifty establishments in Java collecting this vegetable wool, while five men have been at work with it for about a dozen years. Javanese kapok is composed of threads of a clear yellow, somewhat silky in texture and half to three-fourths of an inch in length and is contained in the long capsular fruit of the tree. In the midst of the mass of threads constituting the floss there are to be found, previous to working it, seeds of from an inch to an inch and one-fourth in diameter. A very valuable lightness is given the fibers by their central tubes, which are filled with air. Aside from their lightness the fibers also possess absolute impermeability to water, due, according to Dr. Clavel, to the presence of a wax with which the filaments are coated. This is described by M. de Saint-Rene as a solidified oil, and he calls attention to the membranous nature of the covering. Kapok, through its inability to accept water and the quickness with which it dries, does not rot. It will support from thirty to thirty-five times its weight in water, while ordinary cork will float only about five times its weight. Experiments have shown that a packet of kapok, which sustained thirty times its weight in water when first immersed would still hold up twenty-six times its weight at the end of a month in the water. No other vegetable substance known has this extraordinary ratio of floating power and impermeability; it is an attribute of down of bombax alone.

On account of its elasticity and lightness, kapok is admirable for the stuffing of cushions or mattresses, replacing advantageously feathers, wool or hair. Again, its conduct in the water makes it superior for life preservers, "cork" jackets and other items for life saving in rivers or the sea. The seed, separated by ginning process, is not a negligible waste, for it contains to about one-fifth of its weight an oily substance used in Java to adulterate other commercial vegetable oils. After ginning, the next essential step toward making kapok available for textile purposes is to convert the fiber mass into sheets of different widths and thicknesses like cotton batting, or into rovings for making threads. Till M. de Saint-Rene's recent accomplishments, no one succeeded in this because the carding machines employed were too severe for kapok and broke down the delicate fibers literally into dust. Several years of experimenting by him preceded his finally hitting upon a successful procedure, of which a technical description is given in the Scientific American supplement article.

Don't overlook the Want Ads.

Report of the condition of the

BANK OF GRESHAM

at Gresham, Oregon, at the close of business March 25, 1916.

RESOURCES		
Loans and discounts	\$41,285.05	
Overdrafts	37.59	
Bonds, warrants and stocks	8,057.93	
Real estate, furniture and fixtures	4,854.10	
Cash and due from reserve banks	20,649.72	
Other resources	1,000.00	
	\$75,883.49	
LIABILITIES		
Capital stock	\$15,000.00	
Surplus and undivided profits	1,127.93	
Deposits	54,755.56	
Bills payable	5,000.00	
	\$75,883.49	
STOCKHOLDERS		
A. F. Miller	F. A. Halliday	Gust Larson
Emanuel Anderson, H. E. Sandstedt, E. W. Peterson,		
J. C. Peterson, H. W. Snashall, Jas. McP. Robinson, K. A. Miller		

Warner's Rust-Proof Corsets Phoenix Hose Buttrick Patterns

Shoes for the Whole Family

Broken Lines of Men's, Women's and Children's Shoes.

\$3.50 Men's Oxfords	\$1.75
\$3.50 Women's Shoes	\$2.65
\$3.00 Women's Shoes	\$2.25
\$1.25 Children's Shoes	.98c

CLOSING J. C. C. CORSETS

We still have a few good models left in J. C. C. Corsets, which we are closing out at a sacrifice.

\$1.00 Corsets	79c
\$1.50 Corset	\$1.19
\$2.50 Corset	\$1.89
\$3.50 Corset	\$2.35

New arrivals in Spring Waists in Jap Silk Voiles, Lawns, the season's newest creations, each 75c to \$1.50

The new "Middies" are here. Don't fail to see them, each 75c to \$1.50

Tad Checks given with every Purchase.

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2x4-16	Rough \$5.00; Sized \$5.00
2x4-24	Rough \$5.00; Sized \$6.00
1x4-24	Rough \$5.00; Sized \$6.00
1x4-16	Rough \$5.00; Sized \$6.00
2x8-16	Rough \$5.00; Sized \$6.00
2x8-24	Rough \$5.00; Sized \$6.00
2x6-16	Rough \$5.00; Sized \$6.00
2x6-24	Rough \$5.00; Sized \$6.00
1x4 Sheeting sized one side, random lengths	\$ 4.00
1x6 Sheeting sized one side, random lengths	\$ 5.00
1x6 and 8 Shiplap	\$ 7.00
No. 1 Rustic	\$16.00
No. 2 Rustic	\$12.00
Barn Rustic	\$ 8.00

We also have Building Material of all kinds at exceptional low price.

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Daily Journal	5.50	2.75
Daily and Sunday Journal	7.50	4.00
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1x4, 1x6, 1x8, 16 or 24 ft. lengths, rough, \$6, sized \$7.

2x4, 2x6, 2x8, 16 or 24 ft. lengths, rough \$6, sized \$7.

Fencing, \$6. Shiplap, \$8.

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Cabinet Lumber, Cedar, Fir and Hemlock

All kinds of Moulding, Apple Boxes, Ladders and Shingles

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