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	A.M.	P.M.	P.M.		A.M.	P.M.	P.M.
Lv. Portland	2:00	6:20		Lv. Estacada	8:00	4:30	8:30
Lv. Clackamas	2:30	6:50		Lv. Eagle Creek	8:15	4:45	8:45
Lv. Carver	2:40	7:00		Lv. Barton	8:25	4:55	8:55
Lv. Barton	3:05	7:25		Lv. Carver	8:45	5:15	9:15
Lv. Eagle Creek	3:15	7:35		Lv. Clackamas	8:15	5:25	9:25
Ar. Estacada	3:30	7:50		Ar. Portland	9:30	6:00	10:00

*Daily except Sunday
SUNDA—Leave Portland 10 a. m. Leave Estacada 4:30 p. m.

Currinsville Store Prices

Five Gallon Western Oil (Non Better)	\$2.25
One Pound Can Tuxedo	.75c
Wheat by the Sack, per lb.	.25c
Kellogg's Cornflakes, Three for	.25c
Kellogg's Pep, Two for	.25c
Fine Mixed Candy, per lb.	.15c

We will make special price to any school, church, or lodge on Candies for Christmas

Flour Sacks Washed and Ironed Each	.10c
Stove Pipe and Elbows Each	.25c
Calf Meal (Association) per sack	\$1.25
Blatchfords Calf Meal, per sack	\$1.75
Western Clam Shell per sack	\$1.15
Eastern Oyster Shell per sack	\$1.50
Orin per sack	\$1.10
Oil Meal (Linsseed) per sack	\$3.25
Bran for your Chickens per sack	\$1.25
Mill Run 80s per sack	\$1.50
Ground Corn (corn Meal) 100s per sack	\$2.75

We want your chickens on Mondays. We buy Hogs, Sheep and Cattle. If you have anything to sell see Us before selling.

J. O. TUNNELL

Good Qualities of Iogold Oat

Plant Resulted From Single Specimen of Kherson Selected at Ames, Iowa.

(Prepared by the United States Department of Agriculture.)

A new selection of the Kherson oat is being distributed for the first time this season to Iowa farmers under the name of Iogold. It was developed in the co-operative experiments of the United States Department of Agriculture and the Iowa Agricultural experiment station. Iogold resulted from a single plant of Kherson selected by Prof. L. C. Burnett at Ames, Iowa, in 1906. After being tested in nursery experiments for a few years it was considered of sufficient promise for advancement to the plant experiments, where it has been grown continuously to date.

Outstanding Characters.
The outstanding characters of Iogold are high yielding power, stiffness of straw, and resistance to stem rust of oats. The average acre yield of Iogold is 65.3 bushels as compared with 64.3 bushels for Iowar, in the nine years for which comparable data are available. In comparison with other important varieties developed in the co-operative experiments, it resists lodging as well or better than the Richland (Iowa No. 105), although 3 or 4 inches taller, and is the equal of Iowar in yielding power. In the severe stem rust epidemic of 1926, it showed less than 2 per cent of rust infection, whereas most other varieties showed from 80 to 100 per cent of infection. For growing on land where lodging and rust usually affect oats, it is believed that Iogold will prove superior in ability to stand up and produce a high average yield. Among 21 varieties of oats grown in a uniform oat rust nursery in 1926 at approximately 50 experiment stations in the United States and Canada, Iogold showed the highest degree of rust resistant of all varieties.

Produced for Purpose.
Iogold was produced for a special purpose. Richland has been a very satisfactory variety for low, rich soils, where taller varieties frequently lodge, and where rust usually occurs. However, it has not been altogether satisfactory on the uplands, especially on the more worn and thinner soils where it has been entirely too short in the straw for convenient harvesting with a grain binder. The Iogold has been bred particularly to replace Richland under these conditions. It also produces an excellent quality of grain. The kernel is slightly plumper than that of the Richland. Iogold is the result of 20 years of breeding, and should prove one of the most valuable of the improved varieties developed by the Iowa agricultural experiment station in co-operation with the bureau of plant industry of the Department of Agriculture. There may be some slight objection to the yellow color of Iogold, but as oats are consumed largely on farms, the color is not especially objectionable.

Proper Feed for Brood

Sows Before Farrowing

Proper feed before and after farrowing will have a great deal of effect upon the size and vigor of the litters raised this spring. A good deal of care should be taken not to make the ration too fattening. It would be better if there was no corn in the ration. However, this would not be economical on most farms; so as much as one-third of the grain ration may be corn if necessary. The remainder may consist of ground oats and middlings or bran. A small amount of linseed oil meal will help. All grain should be ground if not too expensive, as it will be found cheapest in the long run.

Besides the grain the brood sow should have some kind of roughage.

Poor Economy to Cease

Feeding Mash in Summer

"It is poor economy to quit feeding mash to the hens in summer," says Prof. C. W. Carriek of Purdue university. "Such a practice is likely to throw the whole flock into a molt and cause egg production to stop."

Many people have a notion that hens can pick up enough bugs and worms from the range during the summer to supply their needs. Records from farm poultry flocks have shown, however, that the range cannot be depended upon to supply sufficient feed for a satisfactory egg production.

One of the principle necessities for high egg production is protein in the ration. This can be supplied satisfactorily by feeding a suitable mash. The grain supplies some protein but it is not of suitable quality or sufficient quantity to give a high summer egg yield. When animal feeds such as meat scraps, tankage and milk are included with the mash, minerals as well as proteins are provided. These minerals are essential for egg production and are not supplied adequately in grains and grain products.

Determine Exactly How

Many Eggs Each Hen Lays

A good trap nest provides the one accurate method of determining exactly how many eggs a hen has laid in one year. There is no short cut or easy way to figure from part of a year's trap-nest record what the total for the year will be, nor to cull carefully enough to estimate what it has

The highest type of breeding for egg production may be secured only by trap-nesting every breeder throughout every day of her first laying year, and every day throughout the breeding season, as long as she is kept. In addition, both male and female birds must be selected which have the ability to transmit high production to their offspring.

The best poultry breeders are searching for the pullet that lays not only during the spring, but is also an early maturer and heavy winter layer, as well as a persistent summer layer. These characteristics coupled with intensity of production are found only in the best hens.

Lice and Worms

For a dip to rid a flock of lice, use one ounce of sodium fluoride to each gallon of water and mix the solution in a large washtub or barrel. Use one pound for about three hundred fowls. Hold the hens by the legs and wings to prevent struggling. Put them in the solution, tall first, to force the water underneath the feathers. Repeat this three or four times, and in very heavy-feathered hens it may be necessary to use the fingers to work the solution into the feathers.

Height of Roosts

The heavier breeds should have their roosts near the floor, and all on a level so there will be no crowding for highest places. Where heavy fowls have to fly down from high perches they are likely to contract hump-foot from bruises. Everything should be kept clean and fresh, and with good ventilation, free from draughts. Keep a lookout for watery eyes and running nostrils, a sneeze or cough. Little things taken in time will usually prevent ailments.

Division of Time in

Daily Round of Life

As a rule, the hours of sleep should about balance the hours of work, and it is estimated that a man who has lived half a century has slept 6,000 and worked 6,500 hours; but as he began to sleep as soon as he was born, and did not begin to work until he had reached his teens, those figures show at least an hour a day more work than sleep.

The average man of fifty will probably have spent 800 days in simply walking from place to place, or, at any rate, in using his legs, and if we allow three miles an hour, a moderate allowance, it gives a mileage of 24,000, or a little over three miles a day. Thus at fifty a man has walked twice round the world with 9,000 miles to spare.

Probably, also, the average man of fifty has spent about 4,000 days in amusement, and another 1,500 in eating and drinking.

Dead Letters

Letters which are sent to the dead letter office in Washington are opened, and when addresses are found in them they are returned to the senders. When a check or money order is found, but still no sufficient address, the letter is returned to the post-office of its origin, and inquiry is made at the bank or money order office. Parcel post matter or other mail of value which can neither be delivered nor returned, for want of sufficient address, is sold by the Post office department. Other undeliverable matter is finally destroyed.

Perennial Plant Requires

Careful and Persistent Treatment.

Eradication of weeds by cultivation has been practiced for ages. Up to the present time this method has generally proved to be the most economical and successful.

Plowing weeds under covers them with a layer of soil that kills most of the living material. Later cultivation destroys a large proportion of the seeds that have sprouted. Still further cultivation provides for the germination of more of the seeds in the soil and at the same time kills the seedlings that have started.

Send Up Shoots Often.

Perennial weeds, however, can send up shoots as often as they are destroyed during the season and require a different treatment. Such weeds are the worst weed pests in Colorado and require more careful, more persistent and more frequent cultivation. During the plowing of the soil the roots that live in the upper layers are broken up, and may be dragged along the furrow by the plow to ground that is not infested with the plant. When the field is being harrowed the dragging of root fragments is even more probable because they will be moved to a distance and left in loose soil that provides an excellent place for growth.

Work Separately.

This makes it necessary to work separately land infested with weeds having roots that can grow from small pieces. In such places constant destruction of the tops as soon as they appear will prove the best remedy. A knife edge passed just under the surface of the soil in a way to cut off the young shoots, or a duck-foot cultivator with sharp shovels in several overlapping tiers, will be found the most effective of the machines now in use in the mechanical destruction of perennial weeds.—Charles F. Rogers, Deputy Colorado State Entomologist for Weed Control.

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