# How to Feed Poultry for Best Results, as Directed By High Authority Here

Feeding is the big problem in market egg production, and reissned. Ones, particularly succulent green reed, for following is new information for poultrymen, as told in the kernel, make an excellent grow- a cutter, will answer satisfactorily following, furnished by John C. Burtner of the department they do not exceed one-third of they do not exceed one-third of feed consumption may cut down

the scratch grain by measure. Feeding affects not only the quantity but also the qualaffect the profits, according to Extension Service bulletin contain as much fiber as cats. It feed may also make dark colored may be substituted for cats in the yelks in eggs, as undesirable marity and even the size of eggs. And both quality and quantity husbandry at the state college.

Capitol Bargain

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Oregon Pulp and

Paper Company

-Manufacturers of-

BOND — LEDGER — GLASSINE

**GREASEPROOF** — TISSUE

Support Oregon Products

A working knowledge suitable and what they furnish, how the should be used. Certain necessary hen is able to utilize them, and the essentils of the finished product-the egg.

Feed Biggest Single Cost Feed is the largest single cost in the production of market eggs. It is also the most important concerpts from the bulletin follow: Availability will have a marked influence upon the cost, and

to meet these needs requires a as an economical ration is desirknowledge of the raw materials able, those feeds most available other grains are generally not and what they furnish, how the ingredients may have to be added to the local feeds, but it is best The following two rations may they do not supply the pigment that by far the bulk of the ration be chosen according to supply, causing dar-colored yolks. be those feeds most available.

Cheapest Not Always Best An economical ration is not sideration. The best of poultry necessarily the cheapest feeds one stock, poorly fed, will not return is able to buy. Sometimes the the maximum yield and profit. more expensive feeds produce such Neither will the best of feeding do results that in the end they are much for poor stock, stock not the cheapest. Quality is of first bred for production, or diseased importance, and careful judgment or improperly housed stock. Ex- is necessary in making the feed selection.

> Wheat of High Value Wheat is one of the best poul-

try grains. It is not as fattening also added to the mash mixtures. as corn and is generally available at a reasonable price compared to other grains. It is high in carbohydrates and low in fiber and ash.
Oats, if heavy and the gray variety, have a relatively high feeding value. As a rule they are not
as palatable as com or wheat and
contain more fiber, which is not
relished. Oats, particularly the
kernel, make an excellent grow-

Barley Held Fattening ration, but is not as palatable as ket condition. The sprouting of corn or wheat.

Kafir, milo, rye, buckwheat and vised to make them economical feeds for this section of the country. like green vegetation, however

availability or cost: First Ration 800 pounds wheat 800 pounds cracked corn (yel- few that require special attention

The Mineral Supply

The usual feeds supply some

minerals, and there are only a

The supply of calcium, phosphor-

us, sodium and chlorine may be

inadequate. A number of others

are of vital importance, but are

supplied in the ordinary ration, so

Iron is usually found with the vit-

Telephone 656

400 pounds oats (gray). Second Ration 1000 pounds wheat 700 pounds cracked corn (yel-

300 pounds oats (gray).

273 State

**BRING IN** 

481 Trade St.

YOUR NEW WHEAT

The tendency in mash mixtures amin supply, and todine is pro-is toward the use of whole grains vided by fish-meal and oyster carsely ground. The same grain shell. used in the scratch are used in Oyster shell in hoppers before the mash, and in addition there the birds all the time supplies the are included the high protein much-needed calcium carbonate feeds such as meat meal or fish- for egg-shells. Bone-meal or granneal or milk. Often minerals are ulated bone will supply phosphor-

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We can give immediate delivery on White Leghorns,

Barred Rocks and Rhode Island Reds.

Set your flock early, and have July frys.

Our hot water incubation results in sturdy chicks.

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of pur long list of milling specialties. We do custom

grinding. We supply what you need for what you have.

CHERRY CITY MILLING CO.

Salem, Oregon

Green Feed Supply THIS WEEK'S SLOGAN

Kale and alfalfa, supplemented DID YOU KNOW that the Salem district is ideal for the poultry and pet stock industry; that this is the greatest poultry country in the world; that there is now a fast increasing interest in all the branches of this industry; that there is vast room for expansion here, in connection with fruit and nut growing, dairying and live stock breeding; that many more large commercial poultry plants ought to be established here, making this the Petaluma of Oregon; that more intensified farming methods ought to be followed all over this district; that we ould have less scratched the mash and grain consumed, resulting in a drop in production. over land, unless it is scratca. I over by poultry; that the invitation for more farme s who want to engage in diversified farming, with the poultry industry as a part of it, ought to be given broadcast throughout the grains for green feed is not adcountry and throughout the world; that the warm welcome that is here and the splendid opportunities that Mangel beets and carrots hung on nails, while not strictly green are here ought to be much more generally known? feeds, do supply succulence, Un-

Oregon's Petaluma

CALEM can be made the Petaluma of Oregon. The movement for expanding the poultry industry in its various branches in the Salem district is already well under way. But it is capable of being speeded in ways beyond the

dreams of pioneers. The Petaluma district of California turns off more than \$20,000,000 annually in poultry products.

Think what a development that would mean for the Sa-etc. Will consider small closed car. Think what a development that would mean for the Salem district; or even an approach to it! And this can be done. The fact that our poultrymen hold a number of world records in egg laying contests shows the natural advantages we have here. The ability to produce all the necessary feeds, and our comparatively low overhead costs, owing to our almost perfect poultry climate; and for various other reasons, prove the possibilities here.

The fact that our poultrymen hold a number of world the valley will consider some trade. CLOSE in suburban home overlocking the city. 10 acres. Fine modern house and other buildings. Walnuts, cherries, some loganberries, all bearing. Good well, electric lights. 2 blocks off the pavement. Priced right.

EXTRA fine dairy ranch, 50 ½ acres. Fine modern house and other buildings. Walnuts, cherries, some loganberries, all bearing. Good well, electric lights. 2 blocks off the pavement. Priced right.

EXTRA fine dairy ranch, 50 ½ acres. Fine modern house and other buildings. Walnuts, cherries, some loganberries, all bearing. Here is the city of the pavement. Priced right.

EXTRA fine dairy ranch, 50 ½ acres. MELVIN JOHNSON or A. L. DARK all under cultivation. 7-room new modules. The pavement of the pavement of the pavement. Priced right.

EXTRA fine dairy ranch, 50 ½ acres. Fine modern house and other buildings. Walnuts, cherries, some loganberries, all bearing. Bearing the city. It was a part of the pavement. Priced right.

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EXTRA fine dairy ranch, 50 ½ acres. Fine modern house and other buildings. Walnuts, cherries, some loganberries, all bear lights. 2 blocks off the pavement. Priced right. that they are not limiting factors. lem district; or even an approach to it! And this can be prove the possibilities here.

What we need now, among other things, is poultry meat canneries, and turkey meat canneries. We need a further rapid development of an already fine

Every other industry on the lond will be helped by a

continuous boom in our poultry industry.

us; salt will supply sodium and poultrymen. The others are either us; salt will supply sodium and poultrymen. The others are either chlorine. Salt is added to the mash present in sufficient quantity as a consistent of the amount of one not to be a limiting factor, or do highway south of Salem. Will build to the amount of one not to be a limiting factor, or do highway south of Salem. Will build to the fairgrounds. City water. Price for per cent. Care should be taken not affect poultry. Vitamin A is small house to suit tenant. Price for that there are no lumps and that well supplied in green feed, party H. GRABENHORST & CO. the salt is evenly distributed ticularly thin, leafy vegetation. throughout the mash. Must Have Water

yellow corn supplies a fair Since both the fowl's body and amount, Lack of this vitamin causthe egg are high in water content es eye trouble and even blindness. a good supply of water is imperative. There is about a pint of wat- liver oil, ultra-violet light, suner in a dozen eggs, and hens will light, cod-liver meals, ergosterol acterol and other commercial pronot lay dried eggs.

Buttermilk or skim milk kept ducts. Lack of this vitamin causbefore the birds all the time helps es abnormal nutrition, lack of to supply protein, minerals, and proper calcification of the bones. vitamins, and also acts as a lax- non-assimilation and use of minative. Less protein is needed in erals, and leg weakness. Stronger the mash where a supply of but- egg shells may be the result of termilk to drink is provided. proper utilization of minerals. Dried buttermilk or skim milk may be included in the mash up to 10 to 12 per cent under conditions where it is not possible to obtain skim milk or buttermilk at a reasonable cost.

Of the vitamins, A and D, are the two of special importance to

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Cemetery, Box 21

Salem, Oregon

bt | Unit bubble at the expense of the abutting and oper adjacent property, except the stalling

Alfalfa is a good source, while

Vitamin D is present in cod-

Don't experiment all of your money away; If in the turkey business you in-

tend to stay, Then breed the kind that always

And new mark well what Simon As a money-getter my layers are

First in line comes my positive non-setter,

and the hen that knocks out all hereby referred to and made a the rest s the layer that's never a quitter. Your time raising turkeys will never be lost,

provement by and through the the foundation is rightly begun; Street Improvement Department t's principally this that deterof the City of Salem, Oregon. mines its cost By order of the Common Coun-And the question of whether il February 18, 1929. you've won.

Yours for turkeys, C. F. Simon. VACATION ANNOUNCED

A spring vacation period has been announced at Kimball school of theology beginning March 16

and ending ten days thereafter.

By Les Forgrave

PROVE THE ALLEY IN

BLOCK ONE (1) OF BOISE'S SECOND ADDITION, FROM "E" STREET TO BELMONT Notice is hereby given that the

OTICE OF INTENTION TO IM.

common Council of the City of Salem, Oregon, deems it necessary and expedient and hereby declares its purpose and intention to improve the ALLEY IN BLOCK 1 OF BOISE'S SECOND ADDITION "E" Street to Belmont Street, at the expense of the abutting and adjacent property, except ting and adjacent property, except the street and alley intersections, 169 S. High RUPERT& Resitor the expense of which will be assumed by the City of Salem, Oregon, by bringing said portion of said alley to the established grade, and paving said portion of said alley with a six-inch Portland cement concrete pavement sixteen feet in width, in accordance with the plans and specifications therefore which were adopted by the LEO N. CHILDS CO., Realtors Common Council on February 18, the City Recorder, and which are hereby referred to and made a

part hereof. The Common Council hereby leclares its purpose and intention 166 S. Liberty St. to make the above described im-provement by and through the 870 % State St. Tel. 843 Street Improvement Department of the City of Salem, Oregon.

M. POULSEN, City Recorder. Date of first publication Febru- 331 % State

Date of final publication March 451 Court St. W. E. MOSES GERTRUDE J. M. PAGE 184 Court Tet. 1882

Gideon Stolz

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COMPLETE furnishings of 4-root

house, including electric washing ma-chine, Universal range, garden tools.

NOTICE OF INTENTION TO IM-

THE WEST LINE OF THIR-

street and alley fatersections, the

expense of which will be assumed

a six-inch Portland cement con-

crete pavement, sixteen feet in width, in accordance with the

plans and specifications therefor

which were adopted by the Com-

mon Council on February 18,

1929, now on file in the office of

the City Recorder, and which are

The Common Council hereby

declares its purpose and intention

to make the above described im-

M. POULSEN, City Recorder.

ry 22, 1929.

. 1929.

Date of first publication Febru

Date of final publication March

Daily to M6

TEENTH STREET.

FOR SALE\_Real Estate

BUBURBAN HOMES

5 ROOM ROUSE—West, semi-modern 2½ acres, fruit, wonderful view.

Price \$1600.

7 ROOMS south, modern except furnace, 1 acre. ½ a. bearing cherries.

View. \$5000. \$500 cash.

5 ROOMS, south, strictly modern.

1 acre. 14 large bearing English walnuts. Price \$675. Terms.

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6 ROOMS, north, semi-modern. 6½ acres dark loam soil, fruit, nuts, shade. Price \$6500. Terms.

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Stayton. Origon

\$200. FOR a lot in S. Salem, subject to paving, \$50 down; \$10 per mo. \$275. LOT on N. Church, east front, subject to paving, \$50. down; \$10 per month.
41640 FOR a tract in N. Salero,
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4500 FINE lot north of Neby, on

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good buy at the price.

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\$4750. NEW 7 room modern house,
living room, dining room, kitchen,
breakfast nook and 4 bedrooms on

all under cultivation. 7-room new mod-ern bungalow, good dairy barn, good well, family orchard, good soil, 5½ miles from Albany on good gravel highway. Will take \$6500 if sold soon. A SNAP—20 acres at \$2600 six miles out, good soil, cherries, berries, pears and other fruit, all bearing. BLACKWOOD'S, Masonic Building Insurance, Loans, Rentals INSTALLMENT ACREAGE
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month buys 5 acres located on gravel
road east of Salem. Price \$1,000.40.
Interest 6 per cent.
\$80.00 down and balance \$10.00 per
month buys 2% acre tract close in
on Garden road, paved road. Price
\$1,000.00 Interest 6 per cent.

\$25.00 down and balance \$10.00 per nonth buys 2% acre trart close to arrarounds, all cultivated, Price \$875. sterest 6 per cent. \$250,00 down and balance terms PROVE THE ALLEY IN will handle 14 acres close in, 8 acres BLOCK 6 OF ROBERTS ADDI- consider lot as first payment. Price

TION, FROM THE EAST LINE \$4,600.00. Interest 6 per cent.

STREET TO month will handle a fine view acre.

THE WEST LINE OF THIR. Notice is hereby given that the located south. Price \$1,000.00. Interest

Common Council of the City of \$50,00 down and balance \$10.00 per Salem, Oregon, deems it necessary month will handle 5 acres all in bearing apples, close to city limits, south and expedient and hereby declares of Salem. Price \$650.00 Interest 6

proper utilisation of minerals.

TIPKEY JINGLE TO

its purpose and intention to improve THE ALLEY IN BLOCK 6

OF ROBERTS ADDITION, from the east line of Twelfth Street to the west line of Thirteenth Street, and Price \$650.00. Interest 6 per cent.

\$10.00 down and balance \$5.00 per month will handle ½ acre south of Saliem, fine shade trees. Price \$600. Interest 6 per cent. at the expense of the abutting and 6 per cen

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134 South Liberty Street

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to the established grade, and pav- you.

ing said portion of said alley with 451 Court Street



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BECKE & HENDRICKS . 183 N. High Tel. 161 JOSEPH BARBER REALTY CO. 200 Grey Bldg. - Phone 750

J. LINCOLN ELLIS 2295 S. Church St. Phone 1365-J

W. H. GRABENHORST & CO. 124 S. Liberty St. Tel. 515 By order of the Common Coun-MELVIN JOHNSON il February 18, 1929.

Daily to M6

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Phone 318





By Neher







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