POULTRY Department

Up-to-Date Appliances Essential To Progressive Poultry Practice

Modern and Convenient Chicken House Saves Labor and Keeps Fowls in Good Health; Some Bulletins Containing Practical Suggestions as to What to Make and How Best to Make It.

Modern appliances used in raising poultry make the life of the chicken man or woman a good deal happier than it used to be when the hen just ran loose and picked up what she might and roosted where the evening found her.

In fact, modern poultry practice demands every convenience possible, for each convenience means either the comfort and health of the hen or the saving of labor by her owner. These things always pay for themselves either in eggs received or in time saved.

Things to Buy.

The handy poultry man can make many appliances he needs for himself with a few sample tools, but there are some things which cannot be made conveniently on the farm and, therefore, should be purchased from the poultry supply houses. The incubator, for instance, is a machine which it probably would be unprofitable for the poultry man to make. Likewise, in this class is the usual brooder, and a number of other things which for the sake of economy, had better be purchased outright. Frequently, there are metal feeding appliances and drinking fountains which it is desirable to buy rather than to have something home-made and unsanitary.

Can Build, Too.

There are many things, however, which the poultry man may build for himself—things which are not on the market—but still will prove useful in the saving of feed or labor and in promoting comfort of the hen. Over at the university farm at Davis, for instance, they have built racks a foot high for the sour milk pans. The birds can reach the milk without difficulty, and yet it is impossible for them to turn over the pans and difficult for them to walk in the milk. This is but a small thing, but it saves the milk and promotes sanitation.

Bulletins Will Help.

The many bulletins published by different experiment stations and the government will help the poultry man in his work of making his plant convenient and keeping it sanitary. The following bulletins, which usually can be obtained for the asking, are mentioned in this connection:

Practical and Inexpensive Poultry Appliances (Circular 142), California Agricultural Experiment station at Berkeley. A bulletin containing many valuable hints and plans, prepared by Professor J. E. Dougherty and W. E. Lloyd.

Oregon Station Trap Nest (College Bulletin 147), Oregon Agricultural college, Corvallis, prepared by Professor James Dryden.

Poultry House Construction (Bulletin 81), issued by Storrs Agricultural Experiment station of Connecticut, prepared by Roy E. Jones and Leslie E. Card. This refers, of course, to eastern conditions, and suggestions must be adapted to the Pacific coast.

Incubating and Brooding Chickens (College Bulletin 158), issued by Oregon Agricultural college and prepared by Professor James Dryden.

Housing of Chickens (College Bulletin 159), also Oregon Agricultural college.

Third Annual International Egg-Laying Contest (Bulletin 82), Storrs station.

A Sample Trap Nest for Poultry (Farmers' Bulletin 682), United States department of agriculture, prepared by Alfred R. Lee.

A 10-Acre or One-Man Poultry Farm, bulletin, issued by Missouri State Poultry Experiment station, and prepared by T. E. Quisenberry and C. T. Patterson.

SOME TIMELY ADVICE FOR TURKEY RAISERS

Expert Tells of Breeds and Breeding and Care of Flock.

By Helen Dow Whitaker.

Dean of the Poultry Department, State College of Washington.

Our domestic turkeys are supposed to be decendants of the wild turkey still found on the American continent.

Bronze turkeys are the largest and most popular of all the varieties. They most nearly resemble the wild turkey. Standard weights are: Adult cock, 36 pounds; young cockerel, 25 pounds; hens, 20 pounds; pullets, 16 pounds.

Chicken Hens for Hatching.

It is a good plan to use chicken hens to hatch the first clutch of eggs a turkey lays because, if broken up, she will in a week or ten days be laying again. She may profitably be use as a mother, when she has laid out her second clutch, since she rerely lays a third. A chicken hen will cover 8 to 10 eggs; a turkey 18 to 20.

It is generally recommended that the earliest laid eggs be hatched under chicken hens, but that later some turkey mothers be used in order that, if possible, the poults when weaned by the chicken hens be added to the flocks with the turkey mothers and taught to forage with them, thus making fewer and larger bands for the turkey raisers to guard.

Turkey eggs require 28 to 30 days for hatching. The greatest care should be taken to keep the sitting hen free from lice or mites. Do not use sulphur around the nest. It is most essential that there be no lice on the young poults during the first week of their lives. A few lice may either kill them outright or so weaken them that they succumb to disease.

It is generally safest to remove the poults from the nest as they hatch because the mother will remain on the nest longer and often the last eggs do not hatch until from 24 to 30 hours later than the first ones. In very dry weather it is a good plan to build the nest out of grass or straw placed upon a sod turned root-side up, hollowed out bowl-shaped and thoroughly soaked with water. Also to sprinkle the eggs lightly with water at from 90 to 100 degrees about the 20th day of incubation.

Care of the Poults.

When the last egg has hatched remove all the poults to a warm, flannel-lined basket out of sight and sound of the mother hen. Feed and water her and let her move about for a short time. Then remove mother and poults to a clean new coop with a small grass runway made of 12-inch boards. If the ground is cold and damp the coop should have a board floor; if not, let the little poults live upon the ground from the start, but move coop and runway upon fresh soil at least every other day.

Feed the poults for the first time when they are from 24 to 30 hours old. Several rations are given below, any one of which will doubtless prove satisfactory, but the following directions all successful turkey breeders subscribe to:

1. Do not change from one ration to another. Select your method of feeding and stick to it.
2. Feed very little, always leaving the poults a little hungry.
3. Fed often; the first ten days once in two hours.
4. Give no sloppy food.
5. In a natural state young turkeys live upon flies, spiders, grasshoppers, grubs, snails, worms, eggs, etc., together with seeds and berries. Little turkeys need more animal food than little chicks and hard boiled egg and milk are the best substitutes for flies, bugs, etc.
6. Dry corn meal will swell in their crops; ferment, and kill them. Use cracked corn meal sparingly while poults are young and always scald before feeding.
7. Remember you must build a large frame, big organs, much muscle, heavy plumage; therefore feed builders, not fats.
8. As soon as the poults jump over 12-inch boards allow them range. They need exercise to have healthy livers, but never allow them to range over ground on which many chickens have run.
9. When the poults begin to droop under the direct rays of a warm sun, shade must be provided.
10. Lice, dampness, filth and overfeeding kill most of the poults that fail to live.

Some Satisfatory Rations.

Ration 1. One hard boiled egg for every eight poults added to stale (but not sour) wheat bread dipped in hot milk squeezed very dry. Crumble egg, including shell, and bread together and season with black pepper sparingly. Feed this for two weeks or more, alternating the egg with cottage cheese or clabbered milk. After two weeks, replace the egg with best grade of beef scrap, and keep clabbered milk before them all the time; but if they can find insects and seeds on the range feed only the milk after the third week. When beef scrap is fed, it must be absolutely fresh and sweet. Sift and use only the finer portion.

Ration 2. One raw egg for every eight poults added to a pint of bran and enough clabbered milk to mix rather dry. For the first fourteen days feed on a clean shingle once in two hours all they will clean up eagerly. Use pepper or ginger only in case of sickness. After the fourteenth day gradually replace the bran, etc., by chick food, using care that it is not mouldy or musty or tainted in any way.

Ration 3. Fresh, dry, steel-cut oat meal alternated with stale bread dipped in sweet milk and squeezed very dry, then mixed with hard boiled egg. After two weeks replace the steel-cut oat meal by finely cracked wheat and finally by whole wheat. In place of the egg well-cooked, finely chopped liver or lean meat may be fed occasionally.

With all these rations it is most important to feed fresh water, clean, sharp grit, granulated charcoal and plentifully of finely chopped, tender grass or dandelion leaves, sting nettle, radish tops, onion tops, lettuce, etc.

Fattening Rations.

Commerce to feed turkeys by the first of October to get them ready for the Thanksgiving market. Feed night and morning only sparingly the first ten days. The principal food should be whole corn, the older the better, to avoid bowel trouble.

It is the belief that cold weather makes fat turkeys. The real reason is that in a warm fall the ground keeps soft, vegetation lingers and plenty of worms and bugs abound. As a result the turkeys make long forages, eating the worms and bugs. This excessive travel thins them, and walks all their soft and fine flesh into tough, stringy muscle. On the other hand, a cold fall, with early frosts and snows, freezes the ground and kills the bugs. The turkeys wander less, loaf around the barnyard, gorge an abundance of grain and put on flesh.

Turkeys allowed to run in a patch of field peas will finish off fairly well with a night feed of wheat or corn. If turkeys are fed on a grain ration of equal parts of oats, barley and corn, mixed with table scraps, boiled carrots, potatoes and milk, a meat is produced that is extremely plump and white. A little suet mixed toward the end of the season will materially aid, also. Another good fattening ration is ground oats moistened with skim milk and a little mutton fat added every day. Still another is equal parts of corn meal and ground barley mixed with boiled potatoes or boiled rutabagas.

All mashes should be mixed soft but not sticky and when fed, grit and charcoal should be supplied.

WHITE LEGHORNS FIVE BEST PENS AT STORRS

Oregon's Established Record Is Equaled by Leghorns From Pennsylvania.

Storrs, Conn., July 8.—In the thirty-fourth week of the laying contest at Storrs the hens produced 4152 eggs, or 175 more than for the corresponding week last year. Every one of the five best pens were White Leghorns; not only this, but P. G. Platt's birds from Wallingford, Pa., that won first place, laid 64 eggs, thus equaling the record of the "Oregons" in the thirty-second week and making the best weekly score for any Leghorn pen during the last three years. W. E. Atkinson's pen from Wallingford, Conn., were second, with 58 eggs. Oascrest Farm's pen from Southampton, Pa., were third, with 57 eggs, while A. B. Hall, Wallingford, Conn., tied with Frank R. Hancock, Jacksonville, Vt., for fourth place, each having a score of 56 eggs.

There is, of course, a point beyond which hens cannot go in the matter of laying eggs. It now looks as if the zenith of production has probably been reached. Large numbers of the heavier breeds have been broody, and this always means at least a temporary interruption in the egg yield. Furthermore, some individuals that have perhaps never been overenthusiastic about laying will no doubt be shedding their feathers, and the process of acquiring a new coat nearly always means no eggs. Thus the poultryman's problem is not how to get more eggs this week than he did last, but rather to recognize the fact that hens will yield less eggs from the time on to the end of the laying season. Good care and management during the summer means that the falling off in yleid will take place much more gradually, especially in the case of the lighter breeds.

The three best pens in each of the principal breeds are as follows:

Plymouth Rocks.

Rock Rose Farm (barred), Katonah, N. Y., 1263; Jules F. Francais (barred), West Hampton Beach, L. I., 1262; Albert T. Lenzen (white), North Attleboro, Mass., 1229.

Wyandottes.

Obed G. Knight (white), Bridgeton, R. I., 1547; Tom Barron (white), Catforth, England, 1510; Abel Latham, Brierfield, England, 1329.

Rhode Island Reds.

A. W. Rumery, Danville, N. H., 1300, Pinecrest Orchards, Groton, Mass., 1287; Springdale Poultry Farm, Durham, Conn., 1257.

White Leghorns.

Will Barron, Bartle, near Preston, England, 1338; Tom Barron, Catforte, near Preston, England, 1271; Francis F. Lincoln, Mt. Carmel, Conn., 1265.

Miscellaneous.

Oregon Agricultural college (Oregons), Corvallis, Or., 1250; J. Collinson (Black Leghorns), Banacre, Garstang, England, 1202; A. Schwartz (Black Rhinelanders), Burlingame, Cal., 1192.

Call for Mr. Lloyd-George!

From the Chicago Herald.

In accordance with its custom of late years Great Britain is again looking to Lloyd-George to save the situation.

Information for Fishermen

Deschutes Anglers' Train

Leave Portland at 6 or 7:14 p. m. Saturday; Fallbridge 12:50 a. m., arrive North Junction 4:30, South Junction 5 a. m., for early fishing. Returning, train leaves Bend 6:30 p. m. Sundays, picking up anglers at all canyon points at an early hour. This allows also late fishing and gives a good long day. Arrive Portland 8:10 a. m. Tourist berth $1 each way. Low round trip fares.

KLICKITAT AND WHITE SALMON RIVERS

Or Wind River (latter reached from Cape Horn), finest fishing. County license in Washington $2.

Fishing bulletin and tips on fishing trips free at city ticket office, Fifth & Stark streets.

SPOKANE PORTLAND & SEATTLE

OREGON TRUNK RAILWAY
CENTRAL OREGON LINE
5th & Stark Sts. Bwdy. 520 A-6671.

THE PLACE TO FISH

For trout is on the line of the Willamette Valley Southern R. R. Good trout streams within are reached on this line are Buckner Creek, Milk Creek, Molalla River and Butte Creek. All mountain streams. Leave Portland, 1st and Alder, at 9:15 a. m. and 4:40 p. m.

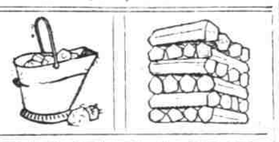
Trains also leave Oregon City throughout the day. First train leaves Oregon City at 7:50 a. m.

For Week-End or Sunday Outings

To Crystal Lake park or Baker's bridge on the Clackamas river, take

The Carver R. R.

at 22nd and Powell sts.
For information phone Main 5239.



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UTAH'S BEST COAL
The ideal fuel for furnace or stove. Order now, before raise in price.
Economy Fuel Co.
MINE AGENTS.
East 214, B-2343. 31 Grand ave.

NEW TODAY

TO CLOSE OUT

Now is your chance in Capitol Hill to buy for $150 and $200 per lot, for what similar lots sold for $500 and $600. Capitol Hill has city water, city school, electric light, 5c car fare, gas is now being put in the streets of Capitol Hill.

We have a few of these choice lots left and will sacrifice the same to close out and clean up the tract. Title perfect. Call at once if you want these lots before they are all gone. M. J. CLOHESSY, 416 Abington building

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Loans of $10,000 and Up
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$300 Upwards at 6-7-8%
Oregon Investment & Mortgage Co.
Offices 202-4, 170 3d St.

Helpful Hints to the Country Realtor

Kindly Suggestions Made by "Farmer" Smith Growing Out of His Broad Experience.

C. L. Smith, traveling agriculturist to the O-W. R. & N. company, better known as "Farmer" Smith, made a frank talk before the members of the Portland Realty board at their luncheon on Friday of this week.

He has been a successful farmer and knows how to tell what he knows.

He was helpful in his suggestions and frank in his criticisms of the ways and methods of the real estate men he has known.

Mr. Smith has for the past 16 years been individually in touch with thousands of farmers of the Pacific northwest.

He has met up with hundreds of dealers in farm property.

Here are two or three of the many suggestions he threw out to the dealer in farm lands:

Get land values down to the point where the man can use the land at a profit.

Don't value location too high.

Don't spend too much on advertising.

Don't discount the future too much.

Do business on the conditions and facts as they exist today.

Don't sell a man more land than he can use.

Don't persuade a man to put all of his money into land so that he has none left for development expenses.

Learn to know dirt. A thorough knowledge of the different kinds of dirt will be of tremendous value.

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Portland Realty Board

H. L. ARCHER & CO.
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Real Estate Loans and Insurance.
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Fertile farms at fair prices. Fenced or unfenced land; small tracts; acreage.
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Farms for sale and exchange in all western states. Dakota and Minnesota, Canadian lands a specialty.

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NOW IN NEW QUARTERS.
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General Real Estate, Exchanges, Rentals and Insurance.
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W. T. JORDAN VALLEY ENG. & LAND CO.
Jordan Valley, Malheur Co., Ore., farm lands, stock ranches, irrigation projects (500 to 10,000 acres). Non-irrigated grain lands. Power sites.
JORDAN VALLEY ENG. & LAND COMPANY,
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Oregon, Washington & California Lands
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520 ACRE RANCH.
100 acres sub-irrigated alfalfa land; plenty of running raw water, outside range, $9000, terms to suit.
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Home builders, renters, exchange dept. Loan Dept. and real estate. 1330 Northwest Bank bldg.

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Specializing in Home Sites on West Side North
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TITLE GUARANTEE AND ABSTRACT COMPANY.
Abstracts, real estate, insurance. Looking after assessments and taxes a specialty.
Marshfield and Coquille City, Or.
HENRY SENGSTACKEN, Manager.

Vital Statistics
Marriages, Births, Deaths

MARRIAGE LICENSES

E. J. Morton, 716 Patton Road, and Grace A. Coates, 1056 Clinton st.
Joseph Tobin, 227 Whittaker st., and Ray H. Bergenfeldt, 549 1st.
Joseph E. Suffel, San Francisco, and Cynthia L. Scovell, St. Vincent's hospital.
Stephen Clark, 97 Morris st., and Susan Clark, same address.
Charles J. Lair, 561 Clinton, and Bertha L. Schertinger, 816 E. 8th.
Antonio Garnero, 528 E. 20th st., and Mary Rinaldo, same address.
Frederick H. Spicer, 4009 Clay st., and Laura L. Dolph, Fairview, Or.
Horace G. Surles, 3671 E. Burnside, and Aletha T. Bonfield, 641 E. Mallon.
Roy J. Davidson, Y. M. C. A., and Azelyn Carlson, 438 E. 49th N.

W. G. Smith & Co. Wedding and visiting cards. Third floor Morgan Bldg.

DRESS suits for rent, all sizes, Unique Tailoring Co., 269 Stark st.

BIRTHS

CRAWFORD—To Mr. and Mrs. C. C. Crawford, 250 E. 53d, June 26, a son.
MARTINI—To Mr. and Mrs. Fritz Martini, City view, June 27, a son.
MURPHY—To Mr. and Mrs. Thomas Murphy, 735 E. 74th, June 28, a daughter.
GILES—To Mr. and Mrs. Harold J. Giles, 504 College st., June 28, a son.
COMISKEY—To Mr. and Mrs. Charles Comiskey, 948 Capitol ave., June 26, a son.
BRETHERTON—To Mr. and Mrs. Edward Bretherton, 785 E. Burnside, June 27, a son.
MADSEN—To Mr. and Mrs. Morris Madsen, 657 E. 59th N., June 26, a daughter.
WEIGEL—To Mr. and Mrs. Henry Weigel, 2061 E. Stark, June 24, a son.
SKOLFIELD—To Mr. and Mrs. Frank Skolfield, 1342 Omaha ave., June 28, a son.
BLAKEN—To Mr. and Mrs. Steven C. Blaken, 370 12th st., June 30, a daughter.
STURGIS—To Mr. and Mrs. I. B. Sturgis, 420 Davenport, July 4, a son.
THOMPSON—To Mr. and Mrs. Willis M. Thompson, 63 Ella st., June 25, a daughter.
DEXTER—To Mr. and Mrs. Riley S. Dexter, 107 E. 68th N., June 28, a son.

DEATHS AND FUNERALS 75

THORP—In this city, July 7, at her late residence, 961 Kerby st., Magdana J. Thorp, aged 72 years. The remains are at the residence establishment of J. P. Finley & Son, Montgomery at 5th. Notice of funeral hereafter.
BULLEN—Died in this city July 7, J. G. Bullen, aged 76 years. Native of Maine. Funeral this afternoon at the residence, 266 Jessup st., 4 o'clock. Remains forwarded tonight to Ashton, Id., by Chambers Co.
WAGER—Martin Wager, aged 62 years, at the residence, 374 Frankfort street, July 5. Funeral notice later. Remains at parlors of Miller & Tracey, Washington at 14th st.
BOWEN—William Clifford Bowen, 1458 Ouequinta, July 5, 2 years, tuberculosis meningitis.
ADAIR—Samuel Dickinson Adair, Good Samaritan hospital, July 5, 48 years, carcinoma.
HARRIS—Minnie Osmond Harris, Johnson Creek and 21st, July 5, 4 years, tuberculosis.
HOGEB—Emma Katherine Marksarth Hoger, 501 Corbett st., July 5, 85 years, cerebral hemorrhage.
BURNELL—Vernon D. Burnell, St. Vincent's hospital, July 4, 29 years, internal hemorrhage.
MALCOLM—James T. Malcolm, 408 Marguerite ave., July 5, 72 years, angina pectoris.

FLORISTS

CLARKE BROS., florists, 287 Morrison st., Main 77, A-1809. Fine flowers and floral designs. No branch stores.
MARTIN & FORBES CO., florists, 354 Wash. Main 269, A-1269. Flowers for all occasions artistically arranged.
MAIN 6119, wreaths, pillows, $3 up. Sprays $1 up. Chapells, 247 Morrison.
TONSETH FLORAL CO., 288 Wash., bet. 4th and 5th. Main 5102, A-1102.
OSCAR JOHNSON FLORAL CO., 305 Gilsan st. Main 4372, A-1464.
MAX M. SMITH, florist, 141½ 6th st.

FUNERAL DIRECTORS

EDWARD HOLMAN CO.
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RELIABLE UNDERTAKERS AND FUNERAL DIRECTORS
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THIRD AND SALMON STREETS
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New residence establishment, 901 Wms. ave. Wdln. 229, B-1943.

P. L. ERICH
Undertaker, East 14th and Hawthorne E. 581, B-1888. Lady assistant.

A. D. Kenworthy Co.
Tabor 5267, 5802 92d st., Lents. Tabor 5835, 66th st. and Foster road, Arleta.

F. S. Dunning, Inc.
East Side Funeral Directors, 414 E Alder st. Phone East 32, B-2525.

Dunning & McEntee Undertakers, Modern in every detail. Broadway and Pine sts. Broadway 430, A-1416. Lady assistant.

MILLER & TRACEY, independent funeral directors. Prices low as $20, $40, $60. Wash. at 14th. M. 2691, A-1886.

Walter C. Kenworthy
1532-1534 E. 13th, Sellwood 71, B-1122.

A. R. Zeller Co. 232 Williams ave. East 1088, C-1088. Lady attendant. Day and night service.

SKEWES Undertaking Co. Main 4152, A-2321. Cor. 3d and Clay.

ERICSON RESIDENCE UND. PRLR. M. 612, A-2235. 445 Mont.

Hamilton East 80th and Gibson. Funeral services. Tabor 4313.

BREEZE & SNOOK, B-1252, T. 1258. 1026 Belmont, at 44th. Lady attendant.

MONUMENTS

PORTLAND MARBLE WKS., 244-266 4th st., opp. city hall. Main 5564. Philip Neu & Sons, for memorials.

BLAESING GRANITE CO. 247 3RD ST. COR. MADISON.

FOR SALE—HOUSES 61

$1600—Modern 5 room bungalow, furnace, builtin conveniences. World. 5229. 936 E. 9th st. N.

$1600 — MODERN 5 room bungalow; furnace, builtin conveniences. Woodlawn 3229.

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1093 E. 25TH N.
VERY MODERN ARTISTIC HOME
$2500 FOR $1750
FIVE LARGE, LIGHT, AIRY RMS., PLENTY CLOSETS, 2 HALLS, DUTCH KITCHEN, PANELED DINING ROOM, ALL ATTRACTIVELY PAINTED AND NEAT, HAS MIRROR DOORS, BEST PLUMBING, ELECTRIC FIXTURES, SHADES, ETC.
PRESSED BRICK FIREPLACE
FULL CEMENT BASEMENT
HARDWOOD FLOORS
Lawn, roses, shrubbery, east front, 1 block to best carline, choice neighborhood, near church, school and large city park.
FOR LIMITED TIME $150 CASH.
1093 E. 25TH N.
$1750—$1750—$1750—$1750—$1750
Alberta car or jitney to 25th st. Then just one block north.

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Offered for seven more new homes in Walnut Park. This beautiful, sightly, centrally located property is certain to increase rapidly in value on the completion of the Columbia Interstate bridge.
No finer homesite in Portland or with better car service. Jefferson high school and public library both located in Walnut Park. You may be one of the fortunate seven to secure the best bargain ever offered in Portland property.
If you do, better call Monday.
Office 1149 Union and Killingsworth aventues.
W. M. KILLINGSWORTH, Owner.
Office Phone, Woodlawn 3204.
Residence Phone, Woodlawn 361.

1320 Grand Ave. N, Sensational Sacrifice
$1975, $100 cash; must sell; just completed; brand-new home, artistic and modern, corner, large lot on Grand ave. Phone owner, Main 3730.

WOODLAWN CAR TO HOLMAN ST.
MR. BARGAIN HUNTER, here is an investment that will clear you $3000 the first year. I am offering my nine room two-story house, with modern plumbing, electric lights, with lot 60 by 100, corner 18th and Thurman sts., title and abstract to date. Am offering this property way below its assessed valuation. Call Marshall 5276.

$100 CASH and $25 per month, including interest, will buy a beautiful new modern 4 room cottage in North Piedmont district, dandy garage, lot 50x100, shade trees, etc. Price only $2350. Ask for Mr. Graham.
THE BRONG CO.,
Main 1743. 267½ Oak st.

$50 CASH and $10 per month buys a semi-modern 4 room house, 2 blocks from Union avenue. Lot 50x100 feet. This property should sell for $1500. Price, for quick sale, $1000. Ask for Mr. Graham.
THE BRONG CO.,
Main 1743. 267½ Oak st.

A SACRIFICE sale of an improved beautiful lot on Lovejoy st., in the Nob Hill district, is offered for sale by owner; this lot faces north, and fruit trees and shrubbery cover half the lot; title perfect and abstract down to date. Call Marshall 5276.

NEW 6 room bungalow, east front, Rose City Park, big rooms, hardwood floor, furnace, fireplace, best of construction. Come and investigate or phone owner, Woodlawn 2151. Price satisfactory.

5 ROOM bungalow, good location, improvements, all in, full lot, house nicely finished, furnace, gas range and water heater, light fixtures, a bargain. Call Sellwood 119.

SACRIFICE.
New 9 room modern bungalow, Rose City Park, 56th and Thompson, hardwood floors, sun parlor, fireplace; owner. Phone Woodlawn 3510.

HOUSE—Large lot, 40 chickens, electric lights, 20 minutes out, $700, 10 per cent down, $10 per month. Z-13, Journal.

SELL my beautiful home, $2300, paved st., car line. 1068 E. 30th N. Barron.

GOOD six room house at a bargain. Apply 390 N. 24th st. Phone Main 4501.

4 ROOM modern cottage for sale or trade for anything I can use. 7015 42d ave. S. E.

FIVE room cottage on E. Madison, cheap. Phone Tabor 3226.

FIVE room plastered house, $450; $150 cash, bal. $5 monthly. D-36, Journal.

FOR SALE—LOTS 16

FOR SALE AT A SACRIFICE.
One of the best vacant quarter blocks in Walnut Park, street improvements all paid for, owned by nonresident and must be sold at once. Address A-35, Journal.

BARGAINS
LOTS IN ALL DISTRICTS. TERMS.
J. C. CORBIN CO., LEWIS BLDG.

ACREAGE 57

YOUR opportunity to buy 5 acres 1 mile east of Woodburn of which 1 acre is beaverdam, 2 cr. trom land, balance upland, 1 acre loganberries, crop contracted for 5 years at 3 cts. per lb; fine bearing orchard, apples, pears, cherries, etc.; good 6 room house, barn and chicken house, 2-3 of crop included; price $2700; terms if desired. Owner, W. H. Purdy, Woodburn, Or., R. R. 3.

20 AND 40 ACRE TRACTS,
$35 to $50 per acre, 35 miles from Portland, on main highway; running water to each tract, fine soil; easy terms.
AKERSON GOOCH & CO.,
605 Stock Exchange bldg.

Gibson Half Acres
Good soil, city water, close to carline, easy terms; will build to suit purchaser. Phone Marshall 1585 or Sellwood 476. John H. Gibson, owner.

TWO 10a ACRE TRACTS.
In central Oregon, $1000 each, hay almost ready to cut on one, summer fallow on the other. Both fenced; no trades; will give terms. Box 251, Prineville, Or.

CHICKEN, FRUIT, GARDEN ranches near Portland, 2, 5, 10 acre tracts, best soil, good roads, near electric, $65 to $200 per acre, easy terms. McFarland, 209 Yeon bldg., Portland.

10a ACRES for sale. From 5 to 500 acre tracts. Near Scappoose on Columbia highway, from 19 to 20 miles from Portland. Price $35 and up. Frank Novak, Scappoose, Or.

ONE acre, 6 room house at station, 5c fare, $1500, worth $3000. S-28, Journal.

TEN acres close in, price $1600, with $300 of wood. Tabor 4787.

FOR SALE—FARMS 17

FOR SALE—120 acres 17 miles from Vancouver, Clarke Co., joining Swede and Finn colony, sawmill, church, schools 1½ miles, R. R. 2 miles; ½ is good farm land, large cause, creek; 2 million feet burned timber, trees 3 to 6 ft., on county road. $16 per acre, time on part. A. Kriger, 1295 E. Salmon, Portland.

FOR SALE by owner, 8 acres, fine country home, 2 miles east of Gresham; good buildings, close to school, 3 minutes' walk to electric car; fine place for poultry and berries. Sale cheap or trade for Chicago property. J. W. Johnson, Gresham, Or., Route 4.

ALFALFA farm of 130 acres, about 90 irrigated and 10 alfalfa; easy terms, or some trade. Address R. O. Box 354, Prineville, Or.

LITTLE FARMS, clear, level, good soil and house, near town, $25 down, $10 month. J. R. Sharp, 557 Sherlock block.

FIFTY acre farm, near Estacada, terms reasonable. JX-52, Journal.

FOR SALE—FARMS 17 (Continued)

NEAR MADRAS
160 acres under new irrigation project, now a fact. Bargain if taken now; no trades. 120 E. 14th st., near Morrison st.

FOR RENT—FARMS 14

FOR RENT—5½ acre farm 5 miles from Portland. Call East 1609.

COURTNEY—2 acres near river, 8 rm. house, fruit, etc. 218 Mrs. Dorn.

EXCHANGE—REAL ESTATE 24

WILL exchange for grocery or acreage one 5 room modern bungalow, one 3 room cottage, 2 clear lots, close to car; will trade all or part. W. H. Betts, 5204 Woodstock ave. Phone Sellwood 1233.

215 ACRES, fine body timber, 6 miles from tidewater, on river which will carry every log, clear; want small improved ranch near Portland; no debts. 765 Williams ave. Woodlawn 4513.

GOOD TRADE—10 room modern cottage, large lot, near car, fine fruit, lawn and garden, price $6000, small farm desired, terms. Address owner, T-39, Journal.

SEVEN room house, 4 lots, Portsmouth ave., $3500; will sacrifice equity $2000, for small house, acreage or what? L-15, Journal.

TO EXCHANGE—Three good Portland lots, good suburb, clear, worth $1200, for small country store; cash for difference, no agents. P-38, Journal.

10 acres, all in cultivation, at Grovelands station on United Electric, 7 room house, barn, 16 chickens, trade for clear Portland home. H-33, Journal.

10 room house, Rose City Park, 121 feet near Keiso, unimproved, on good rock road, to trade for clear farm stocked. K-32, Journal.

FOR sale or trade for city property, my equity in good 6 room house and 5 acres in Gresham, equity $2000, value $3000. L-14, Journal.

CONTRACTOR AND BUILDER
Good houses for sale or exchange; bottom prices. Call Marshall 1588.

320 A. stock ranch, take small farm or some city property, balance time. 4038 74th st., S. E. Tabor 1641.

TRADE acre near city limits, Powell Valley and Buckley ave., for city lot, value $550. Call Marsh. 3205.

FIVE acres in Goodnoe Hills, fruit farm, and choice beach lot for good house equity. A-23, Journal.

EXCHANGE—Fir stumpage on railroad near Portland for light auto. Address 1092 E. 11th, Portland.

FOR exchange, acreage for city property; also other exchanges. C. H. Estes, White Salmon, Wash.

140 ACRES, some improvements, for lots and cash. A close in acreage. N-17, Journal.

EQUITY in 5 room house ½ blk. from Alberta, near Union ave., for clear lot. C-24, Journal.

140 ACRES, new house and barn, for home in Portland. X-39, Journal.

WANT to trade my beach lot for anything. Call Col. 692.

CHOICE irrigated alfalfa land; sell or exchange. Owner, C-34, Journal.

ROOMING HOUSES 53

FOR sale or trade: 18 rooms, furnished for housekeeping. 408 Jefferson. Main 3628.

FOR SALE, furniture 9 rooms, H. K., cheap, if taken at once. 52 E. 12th st. N.

BUSINESS OPPORTUNITIES 20

FOR SALE—Have client who is forced to sell inside improved Portland real property at a great sacrifice; in normal times rents for $200 per month; has situated thereon 4 store rooms and 2 6 room flats, 20 minutes' walk of postoffice. Inquire of H. J. Bigger, attorney at law, room 403 Gerlinger bldg.

A WELL established garage and automobile business for sale, on account of the active partner having been called to the Mexican border. Fireproof building, well equipped shop, together with good stock of accessories and agency for three well-known cars. XY-35, Journal.

FOR SALE—Sawmill, situated with both rail and deep water transportation, capacity 40 M. ft., plenty of available timber at reasonable prices, now operating profitably; can give terms to responsible parties; other business requires time and attention of owners. Address SX-25, Journal.

HAY, grain and feed business, easily managed. You can't beat it for a nice clean money maker; will pay $5000 to $6000 a season on small investment. Run down tomorrow and see H. Briedwell, Sta., Or. E. H. Hanson, McMinnville, Or., R. 1.

GROCERY store and fixtures for sale, located in one of the best dairy countries and near Portland; stock will invoice $1200, must be sold at once; will take $1200. M. Silver, Commercial hotel, Woodland, Wash.

DO YOU want an interest in well established drug business, have splendid proposition for right party; business established 30 years, in good valley town; absolutely O. K. Address X-25, Journal.

CONFECTIONERY and waiting-room; now is the time to buy; get in on the big summer business, have two stores can't handle both, will invoice over $400; will make big discount. Call room 318 Fenton bldg.

FOR SALE, New and second-hand furniture store, household goods, etc.; three years in business. Will trade two clear lots for good second-hand furniture. 32d st., 6015, Lents, Oregon. W. H. Lovett.

WANTED—A partner, must be an old person and must have $1000 or more to buy an interest in a fine farm and good house. A. V. Underwood, Dufur, Or.

A Bargain
Small new line grocery and confectionery, splendid location, $250 cash; going east; no agents. Call East 501.

BLACKSMITH shop for sale, good tools, plenty stock, building and lease, will give good bargain, quitting on account of disability, good location. 1745 E. 17th st., near Marion ave.

FOR SALE or trade, new and second hand stock in best valley town for a dairy ranch; must be located in coast county. Address Lock Box 71, Silverton, Or.

DO YOU want a going merchandise business? Have you $20,000 in cash? If so, arrange for interview with owner. Total value $45,000. B-35, Journal.

FAMILY medicine and stock remedy, route, doing net profit, $2200 yearly. 1024 Albina ave. Woodlawn 3241. Tabor 5198.

FOR SALE—Tailor, cleaning and pressing shop, rent $10, no competition; this is a snap for cash. Y-22, Journal.

FOR SALE—Tailor shop, good place for man and wife, will guarantee better than wages, $300 cash, or will trade for Ford car. N-14, Journal.

LUNCHROOM and cigar store, splendid corner location at transfer point on east side. 354 Union ave. N., near Broadway.

MY cigar store for sale, it will make you money. Northeast cor. 16th and Wash. sts.

500 BUSINESS CARDS. Rose City Printing Co., Third st., cor. Taylor. 50c

IF YOU are looking for a cleaning and dyeing establishment that will make you money, call Tabor 6844.

WANTED—Partner in sheep business. Call 10 to 2. Schoffeldt, 321 4th st.

HALF or whole established fuel business for sale. H-9, Journal.

RESTAURANT, good business, $50. 493 Gilsan.

GROCERY, 16th and Davis, 2 living rooms, rent $8, price $150.

BUSINESS OPPORTUNITIES WANTED 68

I HAVE some cash and choice residence on Mount Tabor to exchange for $15,000 to $30,000 stock of general merchandise; must show