# Poultry Department FREQUENT RAINS ARE

### SOME VALUABLE DATA FROM SQUAB RAISERS

Records of Breeders Considered in Application to Commercial Production.

By A. R. Lee.

A list of questions on pigeon raising was sent to pigeon breeders throughthe Homer and Carneaux varieties al- poults grow older, the ration should most exclusively for squab raising, gradually be changed to grain. with a comparatively small number of the Dragoon, Maltese Hen, and White King mentioned All except one breeder kept their pigeons confined. The hirds were maked at from 5 to 7 er kept their pigeons confined. The birds were mated at from 5 to 7 months old, the average mating age being 5.7 months.

#### Varieties of Ped.

Wheat, corn, kaffir corn. Canada peas, millet, and hemp were the grains most commonly fed, while a number of other grains, including peanuts, grass seed, oats, buckwheat, sunflower seed, rice, Egyptian corn, cowpeas, and mile maize were also used. About one-half of the breeders reported the use of some kind of green feed, including a wide range of such material. The use of rock salt was reported by one-half of the breeders, lorse table salt by one-fourth, and table salt baked into a hard lump by tn, rest. About 16 per cent used some extra feed, such as millet or hemp seed, during the molting period, while feed for assisting the molt supplied these grains in their regular rations. One-third used hoppers in feeding the

pigeons. About one-hal' supplied tobacco stems as the entire or for part of the nesting material, and hay and straw were commonly used, while others used pine needles, cut pea vines, and alfalfa stems. One-half reported freedom from all diseases and about onefourth gave canker as a common cause

The average annual profit per pair of breeders varied from 32 cents to \$3, and averaged \$1,52; the feed cost from 95 cents to \$2, with an average breeders and for market. The average price for the year received per dozen squabs varied from \$2 to \$4.62

10 to 20, and averaged 13.1; the weight per dozen squabs varied from 6 to 11 ounds, and averaged nine pounds. as four and one-half weeks. Data Secured From Small Breeders.

from breeders who kept less than 300 pigeons. Their answers in smothering the bird, large pigeon breeders, although they were more varied.

The diseases most frequently mentioned were canker, going light, and roup. The principal method of treatment was prevention; by keeping ture of gentian, or a tonic in the drinking water. Dry sulphur and diluted peroxid of hydrogen were used in treating canker, and kerosene oil for roup. The average yearly profit for roup. The average yearly profit for roup. from each pair of breeders varied from 20 cents to \$7.50, and averaged \$2.29. The profit from breeders who sold stock largely for breeding purposes varied from \$10 to \$20 per pair. The treatment of colds where a number of fewls must be treated at one time. It is useless to doctor a lousy bird average yearly feed cost per pair for roup, because the lice sap the varied from 40 cents to \$4, and averaged \$1.32. Fifty-five per cent sold tent that he cannot throw off the cold. and averaged 13.8; the weight per to dampness or draught, pounds, flour middlings 100 pounds, dezen squabs varied from 4 to 18. The hands of the poultryman should pounds, and averaged 10.1. Squabs be thoroughly cleansed after handling pounds. 60 cents to \$6 and averaged \$3.01.

## Laying Ration for

The following poultry feeding ration month of the All-Northwest Egg-laying to word from Helen Dow Whitaker, in charge of the contest:

Grain-Two pounds of wheat to one before sprouting and fed when the shoots are one-eighth inch in length. Mash-Mixed in the following pro-

portions: Five pounds bran, five breeder, pounds ground wheat, five pounds ground oats, five pounds cornmeal, two and a half pounds fish scrap, two and a half pounds beef scrap, one-half pound charcoal.

Green food-Cabbage. The skill of the feeder will be ex ercised to the end that the fowls shall consume five pounds of mash to every nine pounds of grain, including strouted oats.

#### A Matter of Color.

The Brooklyn Eagle is authority for the statement that while strictly fresh White Leghorn hens' eggs are selling in the eastern borough of New York at 70 cents per dozen, equally recent brown eggs bring only from 44 to 53 cents per dozen. Just why the eggs given an artificial value in some mar-kets and the demand for them is in the nature of a fad. That the fad is profitable for retail dealers is undoubt- that old stock will be healthler, edly true, but experienced poultrymen have yet to be convinced that the large difference in price is justified. In order to even matters, poultrymen will fertility from the soil. A ton of butter doubtless recognize the fad and will takes 50 cents. The wheat is worth \$20 charge dealers an additional price for and the butter \$400. Which do you raise?

Improper feeding, combined with

ose confinement, has been the cause of many failures in turkey raising. liven free range on the average farm, the poults can easily pick up their own living, and one light feed a day for the purpose of inducing them to come in at night is sufficient. If the mother hen is confined to a coop and the poults allowed to run in and out, three times a day is often enough to feed and very little should be given at a time. The poults should always be ready to eat: if given all they will clean up several times a day, indigestion will be the out the United States, and, among result. If there is little or no feed others, replies were received from 22 outside the coop for the poults to pick breeders who kept from 300 to up, then they should be fed about five 2200 pigeons and produced squabs for times a day, feeding only a small The records from these quantity at a time. A good feed for breeders are considered more applica- the first few days is stale bread soaked ble to the commercial production of in milk and squeezed dry. Corn bread squabs than the replies which were crumbs and clabbered milk or cottage received from breeders keeping only a cheese is also quite often fed and with few pigeons for home use or pleasure. excellent results. Green feed and grit These large breeders reported keeping should be on hand at all times. As the

# ROUP WIDESPREAD

Roup and Treatment Should Be One of Primary Requisites of Business.

By Helen Dow Whittaker. To determine whether or not a fowl is affected with the roup, it is only necessary to note the odor from the head. The first symptom is moisture several who did not use any special moisture in the followed by a bead of moisture in the corner of one or both eyes. If the disease develops, the eyes become swollen, cheesy matter forms in them and also in patches on the lining membrane of the mouth and throat. These cheesy patches are sometimes an indication of canker, but in the case of canker, no odor is present. Where roup is prevalent in a flock, give to the entire flock the permanganate treatment followed by epsom salts as prescribed for fall colds. It is an exellent plan to remove from the flock more serious cases for individual treatment.

Where the eyes are affected, purchase 10 cents' worth of a 20 per cent solution of argyrol and a 5 cent mediof \$1.32. All sold squabs for market, solution of argyrol and a 5 cent medi-while about one-half sold both as cine dropper. After cleansing the eyes with warm, soft water, put three or four drops of the argyrol in each eye It is absolutely essential, if the nostrils are clogged, to open them and from each pair of pigeons varied from of the bird's mouth. Do this very gent. parts by weight of wheat and corn, or also to clean out the slit in the roof ly using as a swab a moderately soft in the winter time twice as much corn feather dipped in kerosene. Propare a as wheat, may be used. For ground somewhat stronger solution of per- feed, a mixture of equal parts of bran. Squabs were marketed at four weeks manganate of potash than that de-ishorts and commeal may be used. Efexcept from two farms where the scribed under the treatment for fall ficient egg production requires also average age of marketing was given colds and dip the birds' beaks, nostrila that this ration be supplemented with

mucus forms just below the eye. it may be necessary to lance it. a sharp knife and make the cut toward | months. ter of an inch in length. By pressure freely, and killing sick or diseased pigeons. Remedies mentioned for pre-venting sickness were the use of listering by the solution venting sickness were the use of kerosene oil, permaganate of potash, lime, copper sulphate, carbolic acid, quassia chips, epsom salts, venetian red, tincture of gentian, or a tonic in the drinking water. Dry sulphur and to keep the cut open for two colors of the solution of listerine, hydrogen peroxide or lysol. Insert the end of the glass tube in the wound and inject the disinfecting solution. Then press out the fluid and repeat. It may be necessary to keep the cut open for two colors.

There has recently been put on the

12 per cent for breeders only. The in made thoroughly sanitary if a cure lows:
number of squabs marketed from each is to be effected. A roupy bird needs Dry mash—Wheat bran 100 pounds. pair of breeders varied from 5 to 22, plenty of fresh air without exposure corn meal 100 pounds, ground oats 100

were marketed at from three to six a fowl having roup as well as any of weeks; the average being 4.2 weeks, his clothing that may have come in The average price for the year received per dozen squabs varied from pers, hoes, spades and other tools used about the premises where affected fowls are kept are dangerous until thoroughly disinfected. The bodies of birds that die of roup should always Fairfields Poultry Farms, Short Falls, be burned. If buried they are for a N. H., 21. The Pullman Contest | long time a menace to any birds that might live upon the infected ground In general it is not the best practice to breed from a bird that has had The following poultry feeding ration has been used for the opening half tinued careful treatment a fowl may be wholly freed from the germs of contest at Pullman, Wash., according cold or roup, and yet his constitution may have been so weakened by the but his offspring also, be predisposed to attacks of cold or roup. From a Poultry Yards Suffield Conn. 84; Hilltop Poultry Yards Suffield Conn. 81; Clifpound of cracked corn and one and a to attacks of cold or roup. From a half pounds of oats. Oats to be weighed light case caused by exposure to the wholly recover. After the recovery is

#### Believes in Cut Bone.

When I commenced feeding green cut bone, about the first thing I did was to find its feeding value by actual test, says William Jack, a well known poultryman. Hens under like conditions, with fresh cut green bone added to their feed laid nearly twice as many eggs in the winter season and a third more in the summer season than did the lot without the bone. Fifty-eight hicks hatched at the same time from the same kind of eggs were divided into two lots and treated the same, except one lot was fed some extra. The lot with bone extra to their feed grew much faster and at the end of 13 weeks, the end of the test, a person would never have thought the two lots with purely white shells should bring were the same. The lot fed the bone such a proportionately high price, is were not only larger, but had clearer not made clear. It is claimed by ex- and brighter plumage. The lot that perts that there is, actually, no differ- ate the bone went through the test ence in eggs on account of color. As with the loss of but one, while the lot a matter of fact, white eggs have been without the bone sustained a loss of five. This, with other observations, leads me to believe feeding bone will lessen the death rate in chicks and

> How About This? A ton of wheat takes \$7 worth of Old hens are the cause of low averages in egg-production.

### Reasons for Failure In Turkey Raising LARGE YIELD OF EGGS

Problems of Poultry Feeding Require Good Judgment, Keen Observation.

By H. L. Kempster. Missouri College of Agriculture. A hen laying 200 eggs in a year is

For economical production it is nec- Thursday.

essary (1) that the food be properly selected, (2) that it be fed in correct Mississippi Valley-The temperature proportion and in a judicious manner will rise the first half of the week, n order that her digestive organs followed by a change of much colder may be kept in good condition, (3) that weather Wednesday and Thursday and she be fed enough so that she has cold weather after until the close of plenty of surplus for egg production. the week. The weather will become About Feeding.

The problems of poultry feeding require good judgment and keen observa- erwise the week will be one of gen-Hens fed for egg production should have foods high in the food elements which are found in eggs. Those fed in the fattening pens should have the foods which most economically produce fat. The best ration, then, is the one which supplies most economically the food requirements of the bird for the purpose for which it is

kept. Whole Grain Ration Won't Do. the principles of poultry feeding is northern California. In southern Calithat the hen cannot do well if fed on a formia the weather will be generally whole grain ration.

Not only does a ration of grain fail to furnish the proper food nutrients, but such a ration is difficult for the bird to digest properly. The great fault with the farmer in his poultry feeding is that he attempts to feed a whole grain ration, and generally one grain at that.

Such a ration results in poor egg production and also causes digestive lisorders and liver and kidney trou-

Complaints of this kind frequently ome to the department of poultry huslandry and a suggested change in the tion has usually resulted in the elimination of the trouble. Efficient digestion demands a combination of whole care of the Eagle Transfer company of and ground grains. A ration should consist of grains rested.

and ground feeds. Generally speaking, twice as much grain should be consumed as ground feed. This depends, authorities with a view of having the of course, upon the nature of the

A Good Egg Bation.

A good ration for egg production can e made with a combination of grains and ground feed. For grains, equal ers of the head unnecessarily and also sist of beef acraps in case this is used. where a little pouch filled with oyster shell before the birds at all St. Joseph, Mo., Nov. 25.—(U. P.) times cannot be overestimated and is The defense in the Oscar D. McDanespecially important during the winter iel murder case started out today to

## White Legherns in Lead in New Contest

Storrs, Conn., Nov. 25 .- The excelent performance of the birds in the plete alibi, laying contest at Storrs seems to be prima facie evidence that in each succeeding year the hens are better selected and better groomed for the The commission of navy yards and race. In the second week of the con- naval stations, in charge of Rear test there was a total yield of 1248 eggs as compared with 911 eggs in the first week and 1130 in the corresponding week a year ago.

The White Leghorns are maintaining the lead they took in the first lap. The same simplified feeds that gave such excellent results last year will be squabs for market only, \$23 per cent therefore, he should be freed from continued in the present contest. The both for market and as breeders, and these pests and the quarters he lives mash and grain formulas are as fol-

Scratch grain - Wheat 100 pounds cracked corn 100 pounds. The three best pens in each of the principal varieties are as follows:

Barred Plymouth Rocks - Jules F. Francais, W. Hampton Beach, L. I. 40; A B. Hall, Wallingford, Conn., 26; White Wyandottes - Merrythought Farm, Columbia, Conn., 43; Brayman Farm, Westville, N. H., 39; Joseph Moreau, Wallum Lake, R. I., 32. Rhode Island Reds-Laurel, Hill

Farm, Bridgeton, R. I., 50; Pequot

Poultry Farm, Southport, Conn.,

Jacob E. Jansen, North Haven, Conn. disease, a bird of marked vigor may ford I. Stoddard, Woodbridge, Conn., 79. Miscellaneous - Holliston Hill P. complete the bird may serve well as a Farm. (White Rocks), Holliston, Mass., 43: Koshaw Farms, (Buff Rocks), Granby, Conn., 41; Obed G. Knight, (White Orplagtons), Bridgeton, R. I.

### DISCUSS 1917 POULTRY SHOW

Snohomish County Fanciers Hear Talk by Peter Fourmour.

Everett, Wash., Nov. 25 .- Plans for the 1917 poultry show to be held either. in Everett or in connection with the next Snohomish county fair were discussed at a meeting of the Snohomish County Poultry association held at the commercial club.

Representatives from various points |. attended the meeting, and results of the last poultry exhibition under the auspices of the association at Snehomish fair were discussed. Peter Fourmour, the widely known county poultryman, spoke of topics of interest to the association members.

#### Swat the Mite.

If mites or lice appear, dust the fowls with insect powder and provide plenty of dust wallows. Use plenty of kerosene or coal oil on the perches or Specializing in Home Sites on West Side Norta any cracks or dark praces in the chicken houses that could possibly be in-fested. Clean out often and keep the TITLE houses well lighted and well ventilated.

# PREDICTED FOR NORTH PACIFIC DURING WEEK

Snow in Many Sections With Colder Weather Have Been of trouble that middle fish if it wanted to turn over." Forecasted.

Washington, Nov. 25 .- (1. N. S.)-The weather bureau today issued the following forecast for next week: Regions of the Great Lakes-The weather will be overcast during the week with probably general snows not at all unusual. A four-pound hen Wednesday and Thursday attending laying this number will produce six the passage of a disturbance of contimes her weight in eggs. To do this siderable intensity across the great she will require from 70 to 80 pounds be clearly warmer the first half of week and much colder after

Plains States and Upper and Middle unsettled with probable rains and snows Thursday and Wednesday, oth-

Rocky Mountain and Plateau Re gions-The first half of the week will be unsettled with probably snows in the central and northern portions of week will be fair. A change to much colder weather will overspread these districts about Wednesday and cold weather will continue thereafter, until near the end of the week.

Pacific States-Rains will be fre-It should be remembered that one of quent in the north Pacific states and fair during the week. Temperatures will average near the seasonal normal

### Seattle Dry Squad Makes Big Haul

Seattle, Wash., Nov. 25 .- Twenty four cartons of whiskey, 16 quarts to the carton, shipped into Seattle by the olonial Liquor company of San Fran isco, was seized last night by the po lice dry squad. The whiskey was labeled beer, each carton having an individual permit attached though the shipment as a whole was consigned Seattle, two of whose drivers were ar-

The case has been brought to the attention of the local United States proprietors of the liquor-company pro secuted in San Francisco on a federal

### David W. West of Seattle Drops Dead

Seattle, Wash., Nov. 25 .- David W. Vest, a member of the West & Surry Merchant patrol, dropped dead of heart and eyes under the solution twice a cither sour milk-all that the birds disease last night. He was 57 years day holding long enough to thoroughly will drink-or in case sour milk is not old, a Shriner and had lived in Seattle A large number of replies were reexercised to prevent wetting the feathfourth of the ground feed should conchildren.

> break down the testimony of J. A. Hartley, state witness and owner of a large detective agency, who de-clared Mrs. McDaniel sought divorce. The defense has more than 50 witnesses, many of whom are prominent St. Joseph citizens, who will testify to the good character of McDaniels. The defense expects to prove a com-

Base Sites Are Inspected. Los Angeles, Nov. 25 .- (P. N. S.)-

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HENRY SENGSTACKEN, Manuar.

Admiral J. H. Helm, today inspected several proposed sites here for a naval and submarine base and an aviation station. The commission will proceed to San Diego tomorrow and nspect sites there,

No Room to Turn.

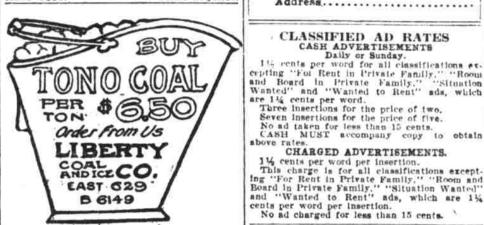
From the Youngstown Telegram, Laura gazed intently at some sar ines lying in an opened can, "What seems to Interest you?" he nother asked. Pointing a pudgy finger the little girl answered: AL KADER TEMPLE A.
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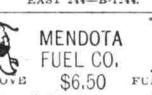




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NOVELTY MFG. CO., 854, 5TH. B'WAY 2000.

K. STEPHAN. B. STEPHAN. K. STEPHAN — Hemstitching, accordion, side and sunburst pleating, buttons covered; goods spenged. Scalloping. Pittock blk. B'way 1009. SHOLES-To Mr. and Mrs. SHOLES—TO Mr. and Mrs. Forest G. Sholes, 748 Front at. November 17, a son. S. PHILLIPS—To Mr. and Mrs. David J. Phit-lips, 466 E. 56th st. N. November 17, a son. THOMAS—To Mr. and Mrs. John M. Thomas, 613 E. 15th st. N. November 21, a son. . 1874. Mig. jewelers. Expert watchmakers. Miller s. 843 % Wash . bet. B'way and s'ark.

DEATHS AND FUNERALS 75 BUNDSCHUH --- Mrs. Withelmine Bundschuh. at her residence, 250 Ition street, November aged 85 years 4 months 27 days, mother Mrs. Elizabeth Trenkman, W. B. and E. Bunuschuh. Friends invited to attend uneral services, which will be held at Hol- 462 ACRES only \$1650; Portland 30 man's funcial parlors at 2.30 p. m., Monday, November 27. Interment Lone Fir cemetery, Services at the grave private. GRAVES—In this city, November 24, Mrs.

Emma Graves, of 253 Mead street, aged 52
years. Friends invited to attend funeral serclear; small payment down, balance cices, which will be held at Holman's Funeral to suit purchaset. Parlors, Third and Salmon streets, at 7.30 plenty money from this o'clock this evening (Saturday), November 25. East.y, 212 Selling bidg. interment at Woodburn, Or. LARSON-At Salem, Or., November 23, John JOYCE BROS., Electric Cleaning Works—Car-pets cleaned and laid; refitting our spe-cialty. East 440, B-1263. 204 E. 19th st. N.

PRICE-In this city, November 25, at his late FOR RENT Beautiful residence, 2½ Grand ave., Rees Price, age 81 years. The remains are at the residenc establishment of J. P. Finley & Son, Mout gomery at 5th. Notice of funeral hereafter. LR. M'MAHON, permanently located sant teriam, \$45 s month, Macleay bidg, 21 Adjustments, \$15. Making good. Peth phones, parlors Annual art the Holman's Funeral parlors. SIRAS Doras Stras, Multpernah hospital, November 20, 45 years; hemorrhage of brain. RUDOLPH—Peter E. Rudolph, Portland sani-torium, November 19, 49 years; lobar pneu-

LEWES FUEL CO.

10th and Glissh Sts.

Dealers in cordwood, blockwood, slab wood, oak wood, coal briquets, Small orders prompt
Note that the control of the tal, November 20, 8 years, tuberculosis. KOHLER — Emory Kohler, Good Samaritan, A-2161 NATIONAL FUEL CO.—East 2041. Slabwood, A ft., \$4.75 BROCKWAY—Charles S. Brockway, 698 Upshur st., November 21, 58 years; intersu-tial nephridis. ROBERTS—Alma Marie Roberts, 1395 Union

eord; sawed, \$5.00 load. Dry slabwood, sawed. \$4 load. A-1 flr, 4 ft., \$5.75 cord. Delivered or sawed to order. CORDWOOD for sale. Phone Tabor 7596.

Make deliveries in Lents, Mt. Scott, Mt. November 22, 33 years; tuberculo and Woodstock districts direct from FLORISTS STANDARD Wood Co., 1st class fuel. Frompt delivery. Esst 2315, B-1695. NEER & FARR-Dry fir, 4 ft., \$5.00 to \$6.00 Blockwood, 305 Water #t, Main 4596, A-4547 A. B. C. Fuel Co. Small orders our special

MARTIN & FORBES CO., florists, 354 Wash. Main 269, A-1269, Flowers for all occasions artistically arranged. MAIN 6116; wreaths, pillows, \$3 up. Sprays \$1 up. Chappell's 347 Mor'ls'n. OSCAR JOHNSON FLORAL CO., 763 Glisan st. Mar. 4372, A-1464. MAX M. SMITH, florist, 141 % 6th st SWISS FLORAL CO., 23d and Glisan

FUNERAL DIRECTORS

### Mr. and Mrs. Heath's School-Lessons datly. Class Tue., Fri. eve. 100 2d st., between Washington and Stark, Lessons 25c, Main 3205. HOLMAN CO.

EDWARD

ESTABLISHED 1877

RELIABLE UNDERTAKERS **FUNERAL** DIRECTORS

Lady Assistant

THIRD AND SALMON STREETS MAIN 507, 4-1511

 T. Byrnes, new residence establ't 901 Williams ave. Wdin. 220, C-1943 Hamilton East 80th and Glisan. Fu. Breeze & Snook at 34th. Made from old ingrain, Brussels, Axminster, Smyrna, Also rag rugs, all sizes. Mail orders prompt. Carpet cleaning. Send for booklet. WESTERN FLUFF RUG CO., 54 Union ave. N. Phones East 6516, B-1475.

P. L. LERCH Undertaker. East 11th and Hawthorne Phones E.781, B-1888. Lady assistant A. D. Kenworthy Co.

Tabor 5267; 5802 92d st., Lents, Tabor 5895; 66th st. and Foster road, Arleta, Beonomical, effectual. J. C. Bayer Co., Front and Market, F. S. Dunning, Inc. FEBVET & HANEBUT, leading wig and ton-pee makers, finest stock human hair goods; hairdressing, manicuring, face and scaip treat-ment. Removed to 349 Alder, near Broadway.

East Side Funeral Directors, 414 E Alder st. Phone East 52, B-2525. Dunning & McEntee Modertakers every detail. Broadway and Pine sta Broadway 430, A-4558. Lady assistant A. R. Zellar Co. East 1088, C-1088 Lady attendant. Day and night service.
MILLER & TRACEY. Independent Funeral Directors. Prices low as \$20.
\$40. \$60. Wash, at Ella. M, 2691, A-7885.

J. P. FINLEY & SON, Progressive Funeral Directors, MONTGOMERY AT FIFTH. J. A. JOHNSTON

Rupture Specialist,
Henry Weinbard plant, 13th and Burnside.

A-1102. SKEWES Undertaking Co. Main 4152

Main 72. —Phones— A-1102. SKEWES A-2221. Cor. 3d and Clay.

THE NATIONAL VAULT COMPANY
Foot Montgomery street, Tabor 253
Steel reinforced concrete burial vault
Air tight, waterpress, everlasting.

MONUMENTS

FURTLAND MARKELE WKS., 264-266 \$th st., opp. City Hall. Main \$564 Philip Neu & Sona for memorials. PBLAESING GRANITE @

TO LEASE WANTED—Building with high pres-sure boiler, by established firm; want long time lease. Phone Woodlawn 2599. 1203 Rodney ave.

FOR SALE-HOUSES

FIVE ROOMS MODERN COTTAGE AT A SACRIFICE. Located in Waverly Heights, 3 blocks from 26th st., 2 blocks from Clinton, built for my own home. The cottage contains all the latest improvements. Oak paneled walls and beam ceilings, china buffet, every room tinted, surrounded with fruit trees, berry bushes and shrubbery, com-pleting a home not to be duplt-

cated for the money. Telephone Broadway 3033 and I will take you over the property, or write

B-255, Journal. HOUSE, 8 rooms, 2 lots, 100x100, bearing fruit trees, loganberries, roses, etc.; value \$4000; will take \$2500, or \$1600 for house with one lot, 1464 E. Everett st., bet, 53d and 55th sts. ROOM bungalow, E. 50th st. neal Hawtherne; modern built in conven-nces; easy terms. Tamer 2792.

cheap; built to suit purchaser. East FOR SALE-Home in Irvington, terms reasonable. E-156, Journal, FOR SALE—LOTS GOOD LOT near Kenton, \$100 if taker within 5 days. Masterson, 202 Wil ox bldg.

Gibson Half Acres.

Good soil, city water, close in car-line, easy terms; will build to suit pur-Phone Marchall 1585 or Sellchaser. Phone Marchall 1585 or a wood 476. John H. Gibson, owner. 10 ACRES, 10 miles out running water, piped to the house, 4 acres

terms. 120 Broadway. to \$200 per acre, easy land, 505 Yeon bldg., Portland. SELL OR TRADE-10 acres improved

miles J-165, Journal.

Larson age at years, late of 623 E. 36th st.
N., Portland, Or. Funeral services will be conducted Monday, November 27, at 2 p. m., from Pearson's undertaking pariors, Russell st. milking, theck \$80 a month, 5 more at Union age. Friends invited. Interment Rose friend in 5 weeks, plenty of feed, good

FOR RENT s acres beaver dam by mile east of Aurora. Wanted, good second hand donkey engine, 35 horse-power. W. W. Irvin, Autora, Or. EXCHANGE—REAL ESTATE 24

CATTLE, SHEEP, HOGS, 3920 acres castern Oregon, good house, barn, sheds, 2100 acres could be plowed with steam plow, plenty feed, some stock, owner wants to retire acprowed with steam plow, pienty teed, some stock, owner wants to retire account age; value \$15.00, third trade, third cash, bal, to suit; don't fail to investigate. E. A. Easley, 212 Selling 160 ACRES dairy farm, 12 miles from Portland. Consider house as first

6 acres near Tigard. Consider lot as St. Main or A-1805. Fine flowers and floral designs. No branch stores.

MASTERSON 202 Wilcox bidg.

WEST side furnished apartment house for city or acreage; price \$16,000 for city or acreage, price \$16,000, Owner A. B., Fairview, Or., R. D. 1, box 87. SEATTLE HOMES WANTED In exchange for nice homes here in Portland. C. J. Koefold, 625 New York bldg., Seattle.

80 ACRES of land near brain, Or fairly well improved. Will trade t a bargain. Davis & Wilson, 501 Main st. Vancouver, Wash. FOR SALE or trade, good a room house and 2 choice lots. See Invis & Wilson, 501 Main st., Vancouver, Wash.

GOOD 5 room house, trade for furniture or rooming house. Woodlawn

WANT wheat farm; have \$10,000 clear property in Portland, Call 202 Wil-cox bldg Mr. Leonard. WILL, trade 50x100 foot lot for cast or auto. Call 46 N 3d st. 40 ACRES, improved, for house equity, Owner, M-140, Journal WANTED-REAL ESTATE 81

WANT well located small home; will exchange 2 unincumbered lots for equity and pay difference. E-160, Journal. WE WILL SELL
OR LOAN MONEY ON YOUR LOT
J. C. CORBIN CO., LEWIS BLDG.

ROOMING HOUSES 43 ROOM apartment house, east side; doing good business; furniture for sale and cheap rent. Landlord is own-er of furniture but cannot run place owing to other business. Phone Tabor

BUSINESS OPPORTUNITIES 20 FOR SALE—Soft drink establishment in Pendleton; excellent location for cafeteria. Address W. W. Hoch, Gibbon, Or., care Bingham Hot Springs, FOR SALE—Clean and uptodate stock of groceries, one of the best loca-tions in city. If you are looking for something good this will suit you. P-121. Journal.

PARTNER with sales ability in manufacturing business. Good chance to the right man. Will pay you to in-vestigate. \$150 required. Address J. W. Hoffman, 738 E. 20th south. FOR SALE — A dandy little dairy route; cows and equipment cheap for cash; party leaving city. Call Tabor

FOR SALE-Small restaurant and confectionery doing nice business, \$225, \$100 will handle. 354 Union ave., cor. Broadway.

LADY wants partner in confectionery store doing good business, 294 E. FOR SALE or Trade Stock of gro-ceries and fixtures for farm land. S-137, Journal, CLEANING, pressing business; fine chance for married man, 822 Miss-

\$3000 DRI G stock, part cash, balance trade. K-177, Journal. SMALL cash groceries, 2 living rooms; will invoice. \$7 N. 6th st. A GOOD gasoline filling station. Requires only \$150. K-198, Journal. (Continued on Next Page)

2 LOTS—Lee Bow Park, \$225, Hornby Mar. 5454. \$400-Alameda Park, w 50x100, Owner, East 78.