Honey Growers of Idaho Have Started to Marketing Their Own Produce

IDAHO HONEY IS SOLD DIRECT IN CHICAGO MARKET

By Earl L. Shaub

Universal Service Staff Correspondent Chicago, Feb. 19,-Determined to make a market for their products. the Mountain States honey producers of Idaho have opened headquarters in Chicago and are selling direct to the consumers at little more than half the price that honey has been retailing in Chicago.

Logan R. Field of Caldwell, Idaho, a member of the organization, is in charge of the sales. He opened a store with a carload of honey and announced he has 30 more carloads to sell when the first

CONSUMERS PROFIT

"We have a dual purpose in our move," said Field today. "We had to create a market in spite of high freight rates and commissions for brokers and we wanted the consumers to get the benefit of profits that would have gone to jobbers and wholesalers if we had sold through the old marketing channels."

He is selling 10-pound pails of honey for \$3 and five-pound palis for half that amount. Other retailers are charging 5 50 to 60 cents & pound.

"Our honey, like our other crops," continued Pield, "is the best in the West, but we have a hard time getting it to the consumer because of the freight rates and the raise off that everyone gets in selling in the old way." We just de-cided to dedge the brokers, wholesalers and retailers and divide the profit on honey between the consumers and our-

TO ENLARGE SALES

"If we put over this honey proposition we are going to dispose of our fruit, the same way next year. Our fruit growers are now getting a cent and a-half for the best apples raised in the Northwest." which are selling in Chicago for 12 cents. Why should not this big margin be divided between the producer and

The honey producers' plunge is one that has often been discussed but never tried before. Marketing experts of Chiof it with Field.

Field said, "They agree that we should firm. relief some way but they are and we expect to demonstrate it to the

"I realize we are going to have a battle. Just as soon as the follows who have been getting a rake off on the

farm life in Idaho valleys and of the for the harvest. great reglamation projects that the gov- PROMPT START WINS

"And speaking of reclamation and Irrigation projects," he said: "The people of Idaho want them to be govern-

is the private interest which is trying to and bring in the new pollen so necessary get control of the water in Yellowstone to the welfare of the young brood. It Park. The greatest calamity that could is almost invariably the colony which befall the Northwest would be for that gets a strong and early start that later beautiful park to pass into the hands of

PROPAGANDA 18 "FALSE"

"I have read the propaganda they are spreading to the effect that the people of Idaho want the water of Yellowstone turned on to irrigation projects. That is false. Only a few men whose hands scattered about the yard. are itching to get hold of that project CASUALTIES USUAL

tourists than it would be to ruin its finement in the hive, will die of old age, scenic value for the profit of a few declares Crego.

"If some one wants to do something for the people of Idaho let them help us get freight rates that will permit us to sell our fruit and hay and other products, so that the people of this country a short distance away from the hive. can share in the best of everything that

Purebred Hampshires Are Nucleus of Herd

Grants Pass, Or., Feb. 19.-A ship-ment of 16 pure-bred Hampshire sows and gilts has been received by express phy. This herd will be headed by the Illinois state 1920 grand champion boar Model Defender, purchased and arrived the first opportunity to discover the first opportunity the first opportunity to discover the first opportunity the first opportunity to discover the first opportunity the first o here a short time ago at an expense of it is found that there is a shortage of \$1000. The individuals comprising the shipment were selected with care. 13 from the Ortega-Underhill breeding or more frames of honey or a supply of ranch at Santa Barbara and three from pure sugar syrup, made of two pints of the Fairbanks ranch at Redlands, the granulated sugar to one pint of water, latter ranch being owned and operated and placed in a suitable feeder. by a son of the former vice president, and each has qualifications to recommend as breeders

This shipment will mean much for the pure-bred stock industry of Josephine

Perfect Spuds Are Put on Exhibition

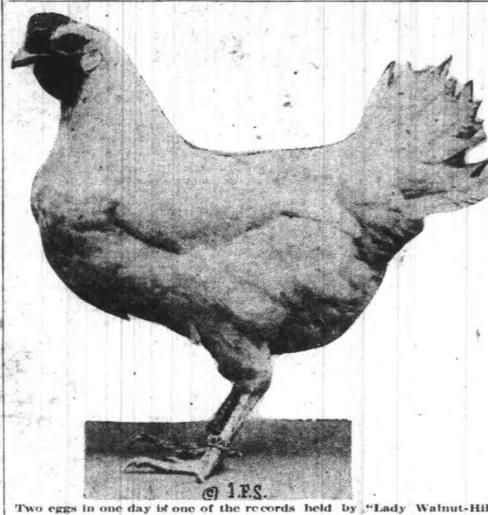
The perfect potato, grown in the Deschutes country and Powell butte dis-trict, is now on exhibit at the trade fair grounds. and commerce department of the Chamber of Commerce.

These potatoes were grown by mem-bers of the Central Oregon Potato Growers' association from certified seed and were the first potatoes to be awarded a score of 100 per cent at both the New York and Portland land shows. Through cooperation with the Oregon Agricultural college, the growers in the Deschutes district have specialized in the certified seed potato and last year 2000 sacks were placed on the market. The potatoes are uniform in size and shape, each weighing from 7 to 8 ounces,

Rabbits Win Recognition

The rabbit business as an industry is being recognized by many fairs. In the past the rabbit has been a part of the poultry exhibit. The superintendent of the newly created rabbit division at the Multnomah county fair is George H. Morrow, who is president of the Ore-gon branch of the National Fanciers and Breeders' association.

LAYS TWO EGGS A DAY



I'wo eggs in one day is one of the records held by "Lady Walnut-Hill," prize Plymouth Rock hen owned by the College of Agriculture of County Agent Thomas that the rabbits Three New County the University of Kentucky. The hen holds the world's record for have been feeding on shrubs which are continuous egg producing. In her pullet year, Lady Walnut-Hill laid 95 eggs in 94 days. One of the two eggs in one day was soft shelled. On January 23, Lady Walnut-Hill started her fifth year of laying. Her total egg production up to that time was 811.

Some timely suggestions upon the ago are showing a great interest in the care of bees during the winter gon. The plans for this work for 1921 project. They have discussed all phases months have been made by G. S. have been made by H. E. Cosby, poultry These experts are a little skeptical," Crego, bee expert of a local seed specialist, and have been presented to instances, Armstrong said, whole or- Idaho, ranking as one of the three best

In the beginning of the winter, the wedded to the old channels of marketing hives should be placed so that they will farms have been located and started tailers, and others get something out of be protected against both cold and wet. But we believe this plan will work These precautions will prevent it being

"Don't attempt to unite, transfer or fight us in every way possible to re-tain their spoils." you all of the advantages secured through successful wintering, and the Field is an Idaho booster. He praises colonies are liable to weaken and dwinthe climate, the soil and the produce dle away, just at the time when they He tells enchanting stories of the should otherwise be building up ready

"Where the hives have been protected during the winter months it has been found that the brood rearing has been mont built and managed. We don't want our irrigation water to get into the pear, the colony will have a large num-One of the great menaces of the West | ber of workers ready to go to the field in the season brings in the big crop of

Crego states that in his experience with people who are just starting to raise bees, he has found many of them who become very anxious when they find dead bees in front of the hives, or

"Included in the hive at the beginning "The people of Idaho want Yellowstone of the winter are many bees hatched retained as a park, every foot of it. It during the latter part of the season, s worth more to us as an attraction for who, during the months of close con-

> "These old bees will crawl from the cluster, or drop on the bottom of the Sometimes they are dropped close to the hives in such great quantities as to cause the thought that the entire colony

is being lost. "It is upon the young bees, which were hatched so late that they had nothing to do with the bringing in of the last tores, that the work of starting brood rearing in the early spring will fall."

Crego states that when after a few

"Where it is found that the hive has been queenless during the winter, nothing can be done, except to wait for the tory in Los Angeles. coming of settled warm weather, when the remnant of the colony may be united with another hive, or if still strong in numbers, a queen may be purchased from another breeder, and introduced,"

Fair to Have Cattle Barn Centralia, Wash., Feb. 19.-George R.

cultural college has developed the poulmore economical egg production in Orethe various county farm bureau poultry project committees for consideraoff in 11 Western Oregon counties.

A comparison of records from the necessary to move or disturb the hives Missouri national laying test and from during the winter, unless it has been the Oregon demonstration farms is of positively ascertained that the bees are more than passing interest. In Misstarving and will die if not given food, souri the 300 carefully selected birds in the contest averaged 13.69 eggs per bird we colonies before the fruit trees are for the month of December. In Oregon, nation's produce know that we are making a success of this, they will begin to manipulation of the bees may lose for made a record of 11.14 eggs per bird for the month.

Orpingtons, has just received from Owen Farms, Vineyard Haven. Mass., hopelessly that they cannot be cured." three beautiful birds, a cockerel and two The cockerel will head a of carefully selected females and McElroy looks for something from this mating that will make his exhibit at this year's shows better than ever,

Best Broccoli of Oregon Gardens Not

Some broccoli shipped from Roscburg o Portland has been inferior and difficult to move at any price, according to statements recently published by several Portland newspapers.

The main broccoli crop has not begun to head and what is being cut now is from one single strain which has not been widely planted and much of which is producing small heads," says Professor Bouquet of the department of vegetable gardening at O. A. C. in defense of this producing section.

"It will be at least two and one half or three weeks before the best broccoli is fairly under way, this time depending entirely on future weather condi-

Poultry Raising Is Found Profitable

E. J. McClanahan, who has been engaged in the manufacture of incubators in Eugene for the last 13 years, and prior to that time a sale agent for a warm days there is no activity among large Eastern incubator company, states that poultry breeding is as profitable as anything raised on a farm, consider-

ing the money invested. McClanahan uses Oregon cedar entirely in the manufacture of his incubators. When it became apparent that all industries must pass through the reconstruction era with some losses, he took his losses at once and gave purchasers the benefit of low price, instead of increasing them, although the price of his materials had increased. McClanahan and his son also have an incubator fac-

Bounties Increased

Marshfield, Or., Feb. 19 .- In response to petitions from many farmers who have lost sheep on account of the attacks of predatory animals, the county court has made material increases in the bounties which will be paid. With additional amounts which have been of-Walker, secretary of the Southwest fered the bounties as now fixed are: Washington fair, has called for bids for Coyotes, male, \$31.50; coyote pups, the erection of a new cattle barn at the \$16.50; coyote, females, \$32; wildcats, \$4; panther, \$30,

HART'S NEW BROODER

My brooder plans tell how to make a brooder for 100 to 500 chix. Use My brooder plans tell how to make a brooder for 100 to 500 chix. Use one-burner oil cook stove for heater. I threw out my coal and distillate stoves when I invented this system. No thermometer or thermostat needed. No over-heating, chilling, worry or grief. No burnt air in the brooder room or hover. Don't need to teach chix to roost. A child can operate it. Very simple. Turn any old shed into a brooder house. Directions for new house. Feeding directions tor chix tells not only just what to feed but exactly how much—right to the ounce—no guess work. No gapes, toe-picking, leg weak-

much—right to the ounce—no guess work. No gapes, toe-picking, leg weakness, diarrhea, etc., in our chix.

My book also contains my feed formulas and methods that saves me
25c to 50c a hen a year, and produced fourteen 300-egg hens out of 450
pullets. How I fed a test pen of 90 pullets one grain feed a day and got
four 300-egg hens. Other items are: Self-feeding hoppers that are wasteproof (my new idea may work on your hoppers to make them wasteproof),
artificial lighting, self-cleaning chicken crates, self-cleaning nests, sanitary
drawning heard with mitalass roosts. No. 1 Mile paint at 10c to 25c a gallen dropping board with miteless roosts, No. 1 Mite paint at 10c to 25c a gallon, wet mash mixer for 500 to 1000 hens for \$1. Valuable items on feeding and culling. How I selected the pullets from the general flock to be trapnested at Salem that made so many high producers.

HART'S POULTRY BOOK with Brooder Plans \$1 REMEMBER THIS—Your money back if not satisfied with the book or 700 sold last spring on the Pacific coast. You can't lose. W. H. HART, R. 3, Box J, Beaverton, Ore.

WHOLESALE RABBIT Sewer Project to Offer Employment KILLING REPORTED

slaughtering being done with strych- department of public works has adnine furnished by the county at cost ment commission of the American Lethrough the office of the county gion.

highest being made by John Culp, near Burns, of 408 rabbits from 12 pounds proximating this number have been made by various parties, among whom is Albert Swain, employe of the biological survey assisting County Agent Mc- son creek. The sewer will provide Daniels in the work of exterminating. In connection with the work many For instance in one night around one tack with less than 8 pounds rabbits, while Jake Gove, using the same son said. mixture on his ranch near Sage Hen, failed to make a single kill, yet report the rabbits devouring all of the bait put

given for the "spotted kills" being made proving an antidote for the strychnine. This line of reasoning is supported to a certain extent by the fact that in every stance of a failure to kill in Harney county with the poison distributed the rabbits have been feeding exclusively on the sage brush or greasewood areas.

of destroying diseased trees. In some successful county agent in Ada county, chards have been found in such condition that it is necessary to cut all O. A. C. in 1918 with a bachelor of scition. As a result, a total of 29 of these trees down and burn them. These or- ence degree in agriculture. He has been chards are mainly old trees which have ceased heavy bearing. In some cases baugh has farmed in Pennsylvania, the orchards. He is authorized to use his own judgment in every case, and if the owner refuses to pay for the work ant superintendent of the Eastern Oredone the county supplies the funds, aft- gon branch station, erward charging the amount to the property, to be paid as taxes.

"I want it clearly understood," said nown as a successful breeder of Buff fruit trees in their yards that should and several parts of the States are to sold by ROUTLEDGE SEED & FLORAL CO. be destroyed, as they are diseased so be filled.

Pasco Has Branch of Kennewick-Richland Marketing Society

Pasco, Wash., Feb. 19.-A meeting of farmers of this section was held in Pasco this week, the result of which Ready for Market was the forming of a Pasco branch of the Kennewick-Richland Marketing association. The purpose of the farmers in joining this association is to facili-tated marketing methods for disposing of fruits, large and small, more especially the earler fruit, as well as the early vegetables.

Because of the comparatively small number of farmers on this side of the river, it was thought advisable to affiliate with the Kennewick-Richland association rather than attempt to organize an independent association

It is believed that by marketing their rops through the Kennewick-Richland association the farmers will be able to get better prices for their produce than by individual marketing. A director for the association will be

elected to the board from Pasco, so the farmers of this section may have an

equal opportunity to have a voice in

the business management of the con-



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Work on the new Mount Scott and Arleta district sewer, estimated to cost The work of exterminating the approximately \$400,000, will be started ack rabbits in Harney county is now ployment for a large body of men, Asby the middle of March, supplying emin full sway, with the bulk of the sistant Commissioner Johnson of the vised the chairman of the unemploy-

Plans and specifications for the mam moth sewer contract will be presented The weather for the last 10 days has to the city council at its regular meetheavy "kills" have been reported, the bids will be authorized by the council. The bids will be opened three weeks thereafter, and it is expected that work of poisoned hay. Several other kills approximating this number have been by the sewer will run from Sixty-sixth

to Ninety-sixth street and Foster road. drainage only until the Johnson creek sewer is constructed, probably within puzzling features have been encountered. two years, and until the other sewer is constructed there will be no connections for sanitary purposes made with the poisoned alfalfa hay, Swain killed 325 Mount Scott and Arleta sewer, John-

The contract will be let on the progress payment plan, as provided in a recent ordinance, which means that 80 Again Swain made a kill of 368 per cent-of the contract price will be less than 12 pounds of hay, and paid to the contractor on each section Ashburger, using part of the same mix- of the sewer as completed. By this ture, secured only 12. Frank Jackson, means the city council expects to save using 24 pounds of the same mixture the property-owners the amount of inwith which John Culp made his record terest which has heretofore been added kill of 408 head, reported no rabbits by contractors who were compelled to borrow from the banks until each con-No justifiable explanation can be tract was completed and paid.

Agents Named by Extension Director

Oregon Agricultural College, Corvallis, Feb. 19.—Three new county agents have been appointed in Oregon, accord-POULTRY
Douglas County Is
Waging War Against
The extension service of Oregon Agricultural college has developed the poulDiseased Orchards

The extension service of Oregon Agricultural college has developed the poul
Diseased Orchards

The addition of Crook to the list of counties now having agricultural agents

counties now having agricultural agents Roseburg, Or., Feb. 19. - Douglas makes a total of 27 out of 36 counties in County Fruit Inspector Armstrong is the state. Tucker, the new agent, is a devoting much time to an inspection of graduate of the University of Illinois. the orchards in thir section with a view For the last three years he has been a where the trees are not in bad condi-tion Armstrong sprays and disinfects Oregon, and for the last eight years

The United States civil service com-Armstrong, "that this does not apply mission announces an open competito the country people alone. There are tive examination for specialist in tropmany residents of Roseburg who have ical agronomy. Vacancies in Hawaii

NEW SUBSTANCE IS To Needy Workers NAMED ULTRACLAY

been made by experts of the United States department of agriculture ment for use in connection with the within the last year in the separation of a hitherto unknown substance which has been designated as ultraclay, a gelatinelike substance, very sticky and plastic when wet and having in the dry state the general zero. Service tests, to adapt this heating appearance of resin.

It appears to be a silicate of alumina usually with some iron and traces of potassium, sodium, magnesium, and calcium, whether combined or merely absorbed being a point not yet determined. This ultraclay is believed to be the principal factor in making the soil plasic, but when added to loose and incoherent sand in proportions up to 10 per cent, and the mixture made into briquettes and dried it gives to the sand a rushing strength greater than an equal amount of Portland cement. The briquettes made with ultra clay, however, fall to pieces when put in water, while, displayed the entries to advantage. The those made with Portland cement retain

their form. The discovery has an important bearng upon the physical properties of soils Friday. and is being studied in cooperation with the bureau of public roads as a guide n adjusting the structure of concrete and other pavements to the texture of

Enormous losses are caused annually



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claims against railroads amounting to

To assist in reducing such losses the bureau of markets has distributed as widely as possible information relative o the proper methods of loading and One of the most important dis- heating both refrigerator and ordinary overies in the science of soils has box cars. Recently, as a result of incompleted the design for heating equipthe specifications for which were drawn up in this bureau. Experiments have shown that a refrigerator car, equipped with this heating system, will protect fruits and vegetables from freezing, even at a temperature of 40 degrees system to practical every-day conditions, vill be carried on this winter.

Rabbit Show Is Success

The Oregon branch of the National Fanciers' and Pet Stock association held successful rabbit show Thursday, Fri- thousands of prunes dally will soon be day and Saturday of this week at 111 North Broadway. There were 175 entries, all local with the exception raisins in the leading bakeries of

The hutches, which were bought new for the occasion, were well arranged and making of prune bread and cakes, rabbits which were exhibited ranged tem of the smaller sizes of prunes.

because large quantities of fruits and vegetables are frozen in transit. Last winter shippers of apples in three states—Oregon, Washington and Idaho—filed

One of the greatest benefits received from prune week is the fact that thousands of housekeepers have discovered that prune bread, prune United States standard refrigerator car, cake, prune muffins and such, are really finer than the same made with raisins.

Bakeries in Salem alone are making 500 loaves of prune bread daily and not attention is being given to prune ange ake, prune layer cake, prune coffee cake and even to prune ice cream.

Salem bakeries are using a proportion of 14 pounds of prunes to 100 loaves of the one-pound size. This figures the use of about 70 pounds of prunes alone for bread. A pitting machine capable of pitting

pitting is done by hand. With the prune taking the place of state, it is estimated that within a few

This will solve to some extent the probfrom the utility class to the fancy eastern markets are calling for the classes. The judging was completed larger sizes, not only in prunes, but in

will be used weekly in the state in the



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