BENEFITS OF EXTENSIVE, INTENSIVE AND PRETENSIVE PLANS OF FARMING

Former Newspaper Reporter, Now Operating Farm Near Springfield, O., Relates Graphic Story of His Early Start and of the Trials and Tribulations Which Ultimately Lead to Suc-

ness-Successful Improvement of Live Stock Based on Principles of Heredity.

"There is considerable misunder (By O. H. ALFORD, State Parm Demon-tending on the part of the general stration Agent, Maryland.) standing on the part of the general public regarding purebred cattle. It is not unusual for a customer to say to us that he is raising hogs for pork and does not want fancy stock. This is an appellation that I detest. I consider that there is no such term as "fancy stock," or at least that such a term field crops. cannot be rightly applied to our farm animals.

Good Points of Hog. "It might seem to some that the eyes, ears, feet and coat of a hog were fancy points, since they have no place in the pork barrel which is his ultimate end. However, a good and comparatively large eye is almost invariably accompanied by a good disposition, and good eyesight is essential,

Riverdale farm, near Springfield, O., comprises 354 acres in two sections, one of 256 acres and the other of 98. This being a river bottom farm, and one peculiarly adapted to the growing of corn and alfalfa, these are the chief tics.

The schedule for 1916 calls for 168 acres of corn. 60 acres of alfalfs, 30 acres of oats seeded to alsike and 15 acres of barley seeded to alfalfa. The remainder of the land is utilized for permanent passure, buildings, lots, gardens, etc. Thirty acres of the corn is raised on shares by farmers living nearby. The balance of the regular work is done by the hired men.

Mr. Robbins normally employs two



Filling Automatic Waterer From Road.

for her litter. For this reason, we do ary and February, and five the rest of not want the ear of the hog to cover the year, not including threshers, corn the eye so as to interfere with the cutters and huskers. vision. Likewise the fact that a hog's ears are muscularly well under its con- To the regular farm help he pays trol is, to my mind, an indication of a more than the usual wages, but is well-balanced nervous organization careful to employ only the best men Good hearing is in itself necessary to obtainable. His cash cost as shown the efficient brood sow, for if she inad by the pay roll averages only 14% vertently lies down on a pig, she will cents per hour of labor. The actual get up at once when she hears him cost is always over 20 cents, the differsqueal. It is also convenient to have ence being taken up by house rent. hogs come when they are called. Re- milk, garden, meat, potatoes and other garding the feet, the hog that has perquisites allowed to employees. In good strong pasterns and is right up making advance estimates on work to on his toes will willingly take the ex- be done, or the saving that may be acercise which is necessary to his complished by the installing of new health, while a hog with weak pasterns devices and methods, he uses 25 cents will not. Also, the feet are an indica- per hour of labor as the basis figuring. nicking the ears in such a way that tion of the quality of the entire hog. It is difficult to clean properly the car- fleges of operating a farm, that the cass of a curly-coated hog, curly coats boss is able to keep in close touch showing under the microscope the with the individual men who work right car means one, at the middle corollary characteristic of viciously with him. barbed roots. This last is a fact not generally known to hog men, and is does his work right and is paid fairly, by way of being a trade secret of one he and his family live rightly. Right of the Chicago packing houses which living is the most that there is to life saves money by discriminating in fa- anyway. He firmly believes that men vor of smooth-coated hogs. I merely who are employing as many workers mention these minor matters in a gen- as they can, teaching them to accom-

be termed fancy, but they are not. mal breeding as it is generally under- fool agreetion and misguided legislamany so-called breeders, and what I term constructive or statistical breeding as it is practiced

Improvement of Stock.

"Successful improvement of live stock is based on distinct principles of heredity, several of which I will mention in passing, without taking up the known and speculative biological reasons for them, or going into their discovery, which is exceedingly interesting and romantic.

"First, we have the principle of variation, which is that in the mating of animals of dissimilar characteristics some of these will appear in a part of the offspring, and others will appear in

Cost of Labor.

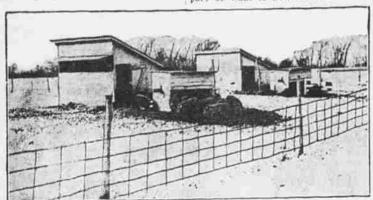
He considers it to be one of the priv-

eral way. At first thought they might plish as much as possible, and treating them fairly, are each and everyone do-"I want to differentiate between anl- ing more for humanity than all of the

> Interesting Statement. The following is a very interesting statement by Mr. William H. Robbins,

the owner: "It has been said that there are three kinds of farming: extensive, intensive and pretensive. All three have their advantages and I am inclined to the belief that the greatest appertain to agriculture of the pretensive variety. There is nothing that I would like better than to be able to run a model farm and not have to

make it pay. "Probably the less said regarding my earlier career as a farmer the better. My father presented me with a part of what is now Riverdale farm



Fall Pigs at Self-Feeders.

the rest, so that a breeder can, in successive generations, retain those char- when I was nineteen years old. I did acters which are desirable and discard not want it. What I did want was to the undesirable.

ating them in future generations.

understood, but the practical applica- to swim tion is quite complicated, and you will find that they are utilized by men who buy and mate even high-class animals through lows buying stock cattle. It and sell the produce. They are not was a sad experience, and one that I lings. constructive breeders because they never get beyond their starting point.

the appearance of an entirely new ever, I learned several things, among

FROM UPPER MOLALLA

HEART OF CASCADES AND

GETS MANY FISH.

FISHERMEN ARE BACK

continue working at reporting, which "Second, the principle that like pro- had been my job for over a year. Howduces like, whereby man is enabled to ever, he rather adroitly got me to mate animals of similar characteris- promise to give up the newspaper tics with a fair assurance of perpetu- work and handed me the farm at the same time. I found after I started in "The two foregoing principles are that it was a good deal like being simple in their conception and easily pushed off the dock and told to learn

His First Venture.

"My first venture was a trip cannot think of to this day without a feeling of deep pain. What they did Third, we have mutation, which is to me was certainly a plenty. Howhereditary character, and is not to be them how to tell the difference between steers and helfers.

O. Freel, has returned from the Bee-

Clackamas county.

To have every chicken on the farm of one variety looks better and does better than all varieties mixed together in each chicken.

Guy Elliott, Dewey Hammond and A. washed his own dishes.

The members of the party did not Ranch near the north fork of the Mo take fire-arms, as it was strictly a lalla river, 43 miles from the town of fishing trip. Deer was plentiful, if Molalla, and in the wildest part of they wished it, and there was pienty of bear meat, but the party preferred Camp was pitched in a most pic- ham and eggs, flapjacks and big feasts

turesque spot on the banks of the of trout. PARTY VISITS BEE RANCH IN Molalla river, and beds were made of Babe Elliott won the hearts of the ferns and fir boughs. As soon as the boys at his first meal he prepared, tent was pitcled after their arrival in the menu being as follows: Creamed the wilde rules were adopted and car- carrots (canned cream), hoiled cabried out by the members. A. O. Freel bage, fried trout, two loaves of bread, and Babe Elliott were voted chefs one and one-half gallons of beans, A camping party, composed of Babe of the camp, and the other members mashed potatoes, brown gravy, fried Elliott, J. McKillican, Melvin Priebe, decided to gather the fuel. Each ham, stewed prunes, one and one-half

Cow With Unusual Record

Before the breeding season each sow is listed on a separate form in a loose-leaf book. This form is designed for the keeping of a complete record of the sow and her litter from the time

she is bred until her pigs are weaned. "Her name, age and herd number are entered, together with the date of listing, and her weight and condition at that time. Then, after careful consideration of her pedigree, conformation and the results of previous matings, we decide to what boar she shall be bred. This is indicated on the form, and also a second choice if deemed advisable. Subsequently the date of breeding is recorded.

confused with atavism, or the rear

pearance of a characteristic once dom mant in the ancestry, but for several generations recessive or dormant.

"In 1904 we started with a herd of

Duroe brood sows. By 1907 we had replaced our grade herd with the

progeny of these. Our present herd

constata of 65 registered sows, with a normal annual production of about

seven hundred pigs, all eligible to

number. For identification purposes an

aluminum hand, stamped with her

number, is placed in each of her ears.

These seldom have to be referred to,

but they are there if we want them,

and make our breeding operations to-

dependent of any one man, including

kept of the conformation of every ani-

mal in the breeding herd, covering in

all over thirty physical characteris-

"A carefully tabulated record is

myself

"Each brood sow in the herd has a

Acts as Dally Tickler. "After the sows are all bred and safe in pig the pages of the loose-leaf book, which have heretofore been in May. 1216...31 numerical order, are rearranged chronologically with reference to the dates on which the sows are due to farrow. It then acts as a daily tickler Appriximate year's as to when we may expect litters. when we shall mark pigs, when turn them out and when to wean them, etc.

Just before the sow farrows, her weight is again entered. We are thus able to tell just which sow gains the best on a given amount of feed. We keep our sows gaining an average of a pound a day each during the 112 to 118 days of gestation. We can accomplish this by proportioning the amount of feed to the weight of the sows. which are carried in bunches of about twenty. However, there is a considerable variation in individual gains Of course, the sows lose in weight at farrowing and during the time they suckle their pigs.

"There is always an attendant with the sow when she farrows, which is frequently at night. All circumstances are noted, especially the number of pigs, and how many, if any, are farrowed weak or dead. The pigs are weighed when they are one week old. at which time they are also marked. We mark each pig by punching and we can read the number of his dam almost as easily as if it were branded on his side. A nick at the root of the two, at the outside tip three, at the in-It is his observation that if a man side tip four, and a hole punched in the center five. A combination of the hole (5) and any one nick (1, 2, 3



Royal E. Nuff.

or 4) means six, seven, eight or nine. By using this same system for tens in the left ear, as well as for digits in the right, we can get any number to one hundred without having more than two marks in each ear.

System of Marking.

'This is our own system of marking, and I believe is the only one that limits the number of marks in an ear to two and does away with the necessity with the number of the dam up to the time they come to breeding age.

"A history of the litter as such is kept up to the time the pigs are eight weeks old, when they are weaned, partion of these requires constant study. "At weaning each individual pig is

formation of each pig is tabulated on the attendants' record, and a score is given to the litter.

'We replace about one-fourth of our herd each year with younger animals, and it matters not how much we may think of a sow, she goes to the butcher if her production record puts her in

While this is useful in eliminating the least profitable breeding animals, its greatest value to us lies in its application to the scientific study of pedigrees in the selection of those that replace them."

Handling and Feeding Calves,

More care and necessary attention is required in handling and feeding the calves after being weaned than in feeding the grown cattle and year-

Have One Variety.

JONES DRUG CO.



Slightly's Pride, a Jersey cow owned this state can equal. The following herd. table, covering the period from July, 1915, to July, 1916, gives in detail the

record of this remarkable animal; Lbs. Lbs. Days. Milk. H.F. Batter. 29 Aug., 1915 ... 31 1915; Oct., 1915....31 Nov., 1915. Dec., 1915. Jan., 1916 1916 29 1916. April, 1916. June. 1916 ... 38

total

Sightly's Pride made this record by H. Thiessen & Sens of Milwan an a two-year-old. She is considered has a record which law cows in one of the heat cows in the Thiessen

> Pearly Exile of St. Lamberts, world's champion two year-old junior, holds the only record from Oregon higher than Sightly's Pride officially recorded by the American Jersey Cat tle club. Sightly's Pride has marty fine show points.

H. Thiessen & Sons have 65 cows. one of the largest herds in the county cow testing association. They have been to the front in association work, and one of the recent meetings of the association was held on the Thiesmen 63 farm

59 The Tniessen farm and dairy build 12 ings are among the most modern in the county.

The picture of Sightly's Pride shown 710 above was recently takes.

Here's A Prize Winner



Chevallier, Winner of Many Prizes.

Mrs. Bertha M. Story returned to Her of Tacoma, Wash. The fair was Oregon City Sunday morning from the held between the two cities of Che-Southwest Washington fair, where she halls and Centralia, and was well at entered 115 birds which won \$155. In tended. It opened Monday of last the breeds that were entered by Mrs. week and closed last Saturday. Mrs. Story were Polish, Hamburgs, Silver Story's "Chevallier," a Hamburg cock, Laced Wyandottes, Campines, An- has won 25 first prizes. Mrs. Story conas and Buff Leghorns. Her poul-try was admired by the thousands of "Chevallier" at her Rosemar Parm and nearly two miles vertically. visitors. The judges were Frank Reed, near Ninth and Taylor streets in this of Vancouver, B. C., and Harry Col-

were served each day, and these meals kept the boys in good humor until retiring at night. It was customary for the boys to retire about 9 o'clock. after spending the evening playing

Before starting from this city the young men purchased a stock of groc- 150 eries amounting to \$28, and when ready for packing up and breaking camp there was not 10 cents worth remaining.

Guy Elliott was the man to look sary to identify pigs otherwise than after making the beds, and this was Milwaukie school opened Tuesday, an easy task, as it was one long the first in the county to begin the stretch of fir bouchs. The first call fall work. According to reports sent for breakfast was 5:30 a.m. and "Babe" to County Superintendent Calavan, the good natured cook, allowed the 150 students were enrolled in the Milboys an hour to think about stirring, waukie high school Tuesday and the ticular attention being paid to trouble and breakfast served about 6:30 enrollment in the grammar grades or losses of any sort. There are about Camp cleaned, they would start out braks all records for first-day attenda thousand and one things that can ad for the day's fishing, returning in the ance. versely affect a pig, and the elimina- evening with full baskets and empty stomachs, but upon the arrival at the all the schools in the county are camp it did not take long to empty opened, as in many of the rural disweighed, as well as the sow. The con-

MAYOR ON HUNTING TRIP.

Mayor E. C. Hackett and son E. A. Hackett, will leave this morning for a trip in southern Oregon. They will spend about ten days at Curtain, near Roseburg. Mayor Hackett is going prepared to get all kinds of big game. and, having had experience in that line and being a crack shot, his friends In this city are confident he will get the game if there is any in that section of the state. They will make the trip in the Hackett automobile, and will stop at different cities along the way, where Mr. Hackett has many friends, and with whom he will visit while enroute.

Old Folks Saved From Suffering

Mrs. Mary A. Dean, Taunton, Mass. in her 87th year, says: "I thought I was beyond the reach of medicine, but Foley Kidney Fills have proven mest beneficial in my case."

Mr. Sam A. Hoover, High Point, N. C., writes: "My kidney trouble was worse at night and I had to get up from five to seven times. Now I do not have to get up at night, and consider myself in a truly normal condition, which I attribute to Foley Kidney Fills, as I have taken nothing else."

else,"
Mrs. M. A. Bridges, Robinson, Mass, says: "I suffered from kidney allments for two years. I commenced taking Foley Kidney Pills ten monta ago, and though I am 61 years of age, I feel like a 15-year-old girl."
Foley Kidney Pills are tonic, strengthening and up-building, and restore normal action to the kidneys and to a disordered and painful bladder. They act quickly and contain no dangerous or harmful drugs.

JONES DRUG CO.

THE FIRST TO OPEN

ENROLL IN HIGH SCHOOL FIRST DAY, PRINCIPAL REPORTS HERE.

It will be more than a month before tricts the vacation does not end until harvesting is over.

Clackamas, Canby and Estacada schools will open next Monday. The Oregon City schools will open Sep-

MRS. MAUDE ZABRISKIE WILL LIVE IN KANSAS

WOMAN ONE TIME THOUGHT CONNECTED WITH GLOCKNER CASE LEAVES STATE.

Mrs. Maude Zabriskie, the woman who at one time was believed to be implicated in the death of Fred Glockner, the well to do Sandy merchant who died from poison a week ago Sunday, left Oregon City Tuesday for Kansas where she will visit relatives. She will probably not return to Ore-

Mrs. Zabriskie was planning a trip to the middle western state when she was taken into custody by Clackamas county officials until the death of Glockner was thoroughly probed. She stayed in Oregon City, working in a local mill, until the mysterious circumstances surronding the death of Glockner were cleared up.

Bremen Is Expected Soon.

LONDON, Sept. 6 .- It is reported here that the German submarine merchantman Bremen may be expected at an American port within 10 days. She probably will dock at New Lon-

ELDERLY WOMEN CONGRESSNOTTO SAFEGUARDED

Tell Others How They Were Carried Safely Through Change of Life.

Durand, Wis .- "I am the mother of fourteen children and I owe my life to gdia E. Pinkham's

Vegetable Compound. When I was 45 and had the Change of Life, a friend recom mended it and it gave me such relief from my bad feelings that I took several bottles. I am now well and healthy and recom-

mend your Compound to other ladies. -Mrs. MARY RIDGWAY, Durand, Wis.

A Massachusetts Woman Writes: Blackstone, Mass. - "My troubles were from my age, and I felt awfully sick for three years. I had hot flashes often and frequently suffered from I took Lydia E. Pinkham's Vegetable Compound and now am well." -Mrs. PIERRE COURNOYER, Box 239, Blackstone, Mass.

Such warning symptoms as sense of suffocation, hot flashes, headaches, backaches, dread of impending evil, timidity, sounds in the ears, palpitation of the heart, sparks before the eyes, irregularities, constipation, variable appetite, weakness and dizziness, should be heeded by middle-sged women. Lydia E. Pinkham's Vegetable Compound has carried many women safely through this crisis.

MISS STONE IS NAMED HIGH SCHOOL TEACHER

niversity of Oregon, and daughter of H. W. Stone, general secretary of the Portland Young Men's Christian association, was elected assistant instructor of the commercial department of the Oregon City high school Thursday night by the board of school di-

One vacancy still remains in the high school faculty. The board will meet next Thursday to name the head of the commercial department, suc ceeding Frank O. Olson, who resigned on account of ill health.

To contract for three furnaces for the Eastham building will be awarded

TALK FROM MT. HODD'S TOP TO SAN FRANCISCO

The efficiency of the Forest Serice telephone line to the summit of Mount Hood was demonstrated last week when W. D. Scott, division equipment engineer of the Pacific Telegraph & Telephone company, visited the Mount Hood lookout station and conversed with S. H. Heas, transmission engineer, at San Francisco, Cal

this test is made, it will be by the com- measure. in co-operation:

J. MEINDL APPEALS CASE.

Transcript of judgment in the case ber 7. of T. Rhoades against J. Meindl, a suit oringinally brought in the Estacada justice court, was filed in the circuit court Tuesday by the defendant. Rhoades secured a judgment for of Portland, was the successful hid-Meindl on a labor claim.

Boy. 3, Shoots Mother.

SEVERE HEADAGHE.

"I ence had terrible

headacties and feared La Grippe. I could not at-tend to my work. I took

some of Dr. Miles' Anti-Pain Pills and the pain

was quickly gone. Then I started using Dr. Miles'

Mervine and the trouble

vanished completely and I felt well and active

HENRY PARNISAM,

Spring Valley, Mins

ADJOURN TODAY **AS WAS PLANNED**

INCREASE IN MUNITION TAX TO 127 PER CENT AGREED TO BY CONFERENCE COMMITTEE

MONEY FROM MAKERS OF SHELLS AND ARMS TO TAKE PLACE OF STAMPS

Long Debate on Emergency Revenue Bill in Conferenc Becomes Protable-Kern Expects Session to End on Saturday

WASHINGTON, Sept. 6 .- Elimina tion of all stamp taxes in the emergency revenue bill, seriously objected to by the house, was agreed upon late tonight by the conference committee house confreres yielding in exchange for this concession their demand for

restoration of a tax on copper. To make up for the loss of about \$5,000,000 revenue in sacrificing the stamp taxes the conferees are expected to agree to a suggestion of house mem bers that the net profit tas of masufacturers of munitions of war be in creased from 10 to 1219 per cent.

WASHINGTON, Sept. 6 .- Plana of administration leaders to adjourn congress tomorrow night were abandoned tonight when the conference committee on the emergency revenue bill indicated that it could not reach an agreement until some time tomorrow at the earliest. The report may not Miss Ruth Stone, a graduate of the be ready before Priday, delaying adicornment until Saturday

Senator Simmons, chairman of the senate conferees, said he believed an agreement would be reached in time for presentation to the house tomorrow noon after it meets at noon.

But the revenue nill is not all that is delaying adjournment. In the senate a fillbuster has developed against the passage of the corrupt practices act, and various senators are clamoring for consideration of minor bills. The general defleiency bill is held up in conference until a report on the revenue measure has been made. Leaders of both houses also expect that general debate on the revenue bill conference report will occupy many hours.

Senator Kern, the majority leader, said he did not look for adjournment before Saturday.

John Albright Sued For Publicity Bill

ACTION BROUGHT TO COLLECT \$500 FOR MAXWELL VIETOR, NEWSPAPERMAN.

John F. Albright, a member of the The results of the test telephone city council and president of the conversation between the lookout or Clackamas County Fishermen's union Mount Hood and the Forester, Wash- was made defendant in a suit filed ington, D. C. Officials of both the for- Thursday in the circuit court by E. M. est service and the telephone com- Kellogg, who has an assigned claim pany say that such a conversation of \$500 from Maxwell Victor, for pubcan be successfully carried on 15 licity work for a proposed initiativ)

pany and the forest service working | According to the complaint, Mr. Vistor made a contract with Mr. Albright, Dee Wright, formerly of Oregon April 20, 1916, whereby the former city, assisted in the construction of was to handle the publicity for a pill the line to the summit of the mount to abolish fish traps, wheels and seines from the Columbia and its tributaries. Some petitions were circulated, but they were not filed and the bill will not be on the ballot Novem-

FEDERAL TIMBER IS SOLD.

The Stanley-Smith Lumber company \$69.50 in the justice court against der for four million feet of national forest timber advertised for sale in section 25 and section 36, T. 2 N., R. 8 E., W. M., and has just been awarded COLTON, Cal., Sept. 5.—The 3-year- the sale by District Forester George old son of Mrs. E. W. Farris pulled H. Cecil, Portland. One dollar and both triggers of a shotgun today while fifteen cents per thousand for all spechis mother leaned on the gun inspect- ies was the bid price. The timber is ng the game bag of her husband, back 80 per cent Douglas fir. The remainrom a hunt, and both charges entered ling 20 per cent is made up of noble fir, the right shoulder and breast of the western white pine, western red cedar, western hemiock and amabilis fir,

"Stop that headache! Zhow ruck buildons Pain and Ill Health

rob you of all your efficiency.

DR. MILES' ANTI-PAIN PILLS

quickly relieve Pain, but at the same time, when over-work or nervousness is the cause, Dr. Miles' Restorative Nervine

should be used to relieve the cause.

IF PIRST BOX, OR BOTTLE PAILS TO BENEFIT YOU, YOUR MONEY WILL BE REFUNDED