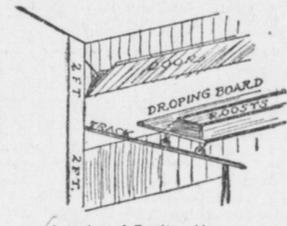


POULTRY

FOR BEGINNER IN POULTRY

Two Dozen Hens Are Plenty to Start With for One With No Experience—American Breed Best.

For one who has had no experience with poultry two dozen hens are plenty to begin with. It is better to begin with one of the American or Asiatic breeds. The Mediterranean breeds are weak when small because of feathering so fast. Free range is best, writes William Zimmerman of Selma, Okla., in the Farmers' Mail and Breeder. If they must be put in pens, 12 hens and a cock to each pen is about right. For good, strong



Interior of Poultry House.

chicks, the cock bird should be not less than one nor more than three years old, and the hens two years old. I have kept hens in pens 16 by 56 feet, 12 to a pen, and had good results.

A house 14 by 16 feet and 6 feet high at the eaves is large enough for three dozen hens. I am keeping about 100 in one of that size. My house is built facing the south and all the south side is made of lath one inch apart. The east, west and north sides are boxed tight, but there is a door across the north end for a cleaning off the sliding drop board. I use no curtain in front of the roosts, and I have no frozen combs or sick poultry.

As a feed to make hens lay there is nothing better than wheat and Kafir in equal parts. If the hens are kept in pens feed all they will eat. Throw the grain in straw or hay. Don't dose your hens to make them lay, and if one gets sick, separate it from the flock.

KEEPING AND STORING EGGS

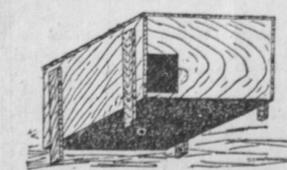
Well Dissolved Solution of Water, Slaked Lime and Salt Is Recommended—Don't Crack.

There are many plans suggested for keeping and storing eggs, but a very simple one appears in a recent exchange: To every three gallons of water add one pound of fresh slaked lime and one-half pint of salt. Have it well dissolved. Drop in your eggs one at a time, but mind do not crack them. If you wish to keep them one or two years you can do so. But you must use them as soon as taken out or they will spoil. When you put in all you wish, take a thin piece of board and put on top, and on that put a little salt and lime that the top may be as strong as the bottom. If these are kept at sea and in different climates, why not keep on land in a cool cellar? Should you wish to keep to transport, dissolve sufficient gum shellac to make a thin varnish in alcohol, let them dry, then after giving each egg a coat pack them in bran or sawdust. When wanted wash off the varnish and they are ready to be cooked.

TREATMENT FOR BROODY HEN

Unique Plan Is to Provide Wooden Boxes With Screen Bottoms—Fowl Soon Cools Off.

A unique plan for curing broody hens is carried out by making a few boxes with screen bottoms with legs attached to keep the box up from the ground and allow free circulation of air, says the Iowa Homestead. Common window screen is all that should



Box for Treatment.

be used for a bottom. Into these place the old hatchers until they give up hatching. Several days in such airy quarters cool them off and they go to laying.

Kerosene.

Kerosene is sure death to lice if applied as a spray. Spray the walls, roosts, corners and nestings and the oil will kill all vermin. Sprinkle the bottom of the nests with it and cover with a heavy coating of straw.

Kerosene is also very valuable in preventing and curing scale disease in fowls. If it is used freely on the roosts once a week you will have no scaly legs. It promptly destroys the red louse that preys on the fowls at night, sapping their very life blood and retires to the roost poles during the daytime.

POINTERS FOR DUCK RAISERS

Pekin is a Great Layer, but Does Not Possess Firmness of Flesh of the Aylesbury.

The market price for duck feathers is about half that for goose feathers.

In France the term "duckling" is applied to birds hatched the previous season, and not the present year, as in this country.

In England it is claimed that while the Pekin is not a great layer, it has not the fineness of flesh nor the early maturity of the Aylesbury.

The Cayuga, the only American variety, furnishes a meat of fine flavor, but on account of its black plumage makes a very unattractive appearance when dressed. The French epicures greatly appreciate the high quality of the Cayuga. This is about the only American product that we are not overly proud of.

The great secret of fattening ducklings is to begin early, and this can only be attained by keeping the stock duck young. In practice it is not profitable to keep the stock ducks more than two years.

COMBAT POULTRY-YARD FOES

Great Amount of Loss and Much Annoyance Caused by Insect Parasites—How to Control.

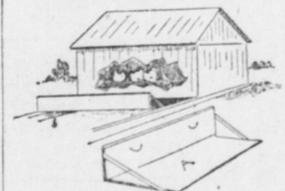
(By GEORGE M. TURPIN.)

Insect parasites are the cause of a great deal of annoyance and loss to poultrymen. Some essential measures for their control are:

Have the poultry houses separated from all other farm buildings.

Have all of the interior fixtures of the poultry houses, such as roost-poles, nest boxes, feed hoppers, dropping boards, etc., removable so that every part of the interior can be readily cleaned and sprayed.

Keep a good dust bath to which the fowls may have access at all times of the day. Common road dust with fine ashes and powdered sulphur or air-slacked lime added is excellent. The road dust should be gathered



A dropping board easily removed, cleaned, sanded and replaced without going into the hen house.

A. Dropping board proper.

during dry weather for use during the winter.

Spray the coops and fixtures with a good whitewash twice each year, adding two pounds of salt and one-fourth gallon of crude carbolic acid to every fifty gallons of the spraying mixture.

Setting hens should have access to a good dust bath such as mentioned above. If lice are found later on the chicks, rub lard in the feathers of the head and throat, and in bac cases, also under the wings.

TURKEYS THRIVE ON ALFALFA

Two Hundred Acres of Land in Nebraska Utilized by Ranchman for Breeding of Birds.

A Nebraska ranchman has more than 200 acres of wild land, too dry for cultivation without irrigation, and makes a good living by raising turkeys.

A small creek runs through the place and along its sides grow some cottonwood trees.

About 200 acres of this farm has been sown to alfalfa, and in spite of the absence of much rain it thrives very well.

The old ranch owner raises from 800 to 1,200 turkeys every year, and about the only care he gives them is to feed them alfalfa.

POULTRY NOTES

Desirable eggs are said to weigh about 24 ounces to the dozen.

If hens develop the feather-pulling habit send them to market at once.

It is as an egg producer that the Indian Runner duck has gained the most fame.

Poultry balance their own rations if they are given a wide variety of feeds to select from.

Eggs that cost 25 cents per dozen will bring \$7 to \$8 when hatched and sold as broilers.

It is usually mere guesswork to tell the age of a hen by her appearance after she has passed the pullet stage.

A hen over two years old is fit only for the pot and to mother chickens. She is past her profitable laying days.

All young stock on hand now that you do not intend to keep through the coming winter should be marketed.

After hens are through laying they should be sold to the butcher unless they are needed for breeders next season.

Goose eggs require from twenty-eight to thirty-two days to hatch, according to variety and method of hatching.

Hens, when they cease laying, fatten very easily and a fat hen is a thrifty candidate for all kinds of poultry diseases.

STORY OF QUEER PLAY

Pitcher Strikes Out Player and Makes Out Himself.

Rube Kissinger Recovers Lost Ball From Behind Catcher's Mask in Time to Retire Batsman and Win Game for His Team.

Odd occurrences in baseball are of interest to the fans, especially if they are acquainted with the players who figure in them.

Arthur Irwin used to tell of how he won a game for Boston with a hit that bounced through a knothole in the fence, and of another occasion when he scored from first base on the infield grounder when the ball got tangled up in the shortstop's sweater coat.

Al Shaw hit a ball in Macon that bounced into the pocket of a workman's coat, which was hanging on the fence. A smart outfielder secured the ball in time to hold Shaw on second.

But Elmer Steele, Toronto's pitcher, has a story that puts all these plays in the remote background.

It is no less than a pitcher making a strike-out by himself, and thereby winning the game.

The pitcher was Rube Kissinger, well known in Toronto and on the international league circuit, and the game in question was played at Newark, with Providence and Newark the competing clubs. Steele was pitching for the Grays.

Newark led by 2 to 1, but Providence had two men on bases in the ninth and two out. A hit would win the game, but Kissinger was equal to the emergency. He cut one across the middle of the plate.

"Strike one," the umpire said.

A spitter fooled the batter, who missed it a foot, and the count was "strike two."

Then followed two "wasters," but the batter would not bite. Another spitter right over the heart of the plate.

The batter took a good healthy swing, there was a tick of the bat, and everybody started to run.

Larry Spahr, who was catching for Newark, looked around aimlessly in vain search for the missing ball.

"Stand still, Larry," yelled Kissinger, "don't move," and he ran towards the plate.

Spahr followed instructions implicitly, and stood stock still.

Kissinger came running up, reached for Spahr's neck, and pulled out the ball, which was stuck between the mask and the pad.

"Foul ball, three strikes, batter out," announced the umpire, and the game was over.

Kissinger was given the putout in the official score, as he made the play, and Steel says he is the only pitcher that ever struck a batter out in this manner.

SHECKARD IS REAL VETERAN

Cub Outfielder Has Been Playing Professional Baseball for Over Seventeen Years.

Men who play with their heads as well as their hands have proved that it is possible to stay a long time in professional baseball. There are several men still very much in the game who may yet break or at least equal Cy Young's record. They are not, however, pitchers. James Tilden Sheppard is one of the veterans in whom the baseball public is very much interested. Jimmy broke into the game as far back as 1895, when



Jim Sheppard.

he played with the Marietta and Lancaster semi-professional teams. Thence he moved to Portsmouth, Va., going in the following year to Brockton, in New England.

Brooklyn corralled him next, and after one year with Baltimore he went back across the bridge again. With the rest of his baseball career every small boy is familiar, especially the small boy of Brooklyn, where James was popular. Toward the close of his term with the Brooklyn team Sheppard's work fell off, and there were those who said that he was shirking. He spruced up promptly when he went to Chicago.

WOLVERTON TO REMAIN WITH HIGHLANDERS



Manager Harry Wolverton of New York Americans.

Within a short time Harry Wolverton, manager of the Hill Top forces, will put his signature to a contract to manage the club next season. President Farrell is pleased with the measure of success that has greeted the light-haired boss. Wolverton has had more to contend with than any manager that ever broke into the big leagues, and through it all he has shown remarkable fortitude and patience.

There has been much speculation as to whether Wolverton would be retained by President Farrell as leader of the Highlanders in 1913, but he feels satisfied that Harry has done as well as anybody could under the circumstances.

Not only did the two promising infield recruits, Dolan at first and Gardner at second, fail to make good, but the pitching staff failed to show anything until lately, while the star outfielders of the club, Wolter and Cree, had to quit the game for the season on account of injuries received early in the season.

Among the Baseball Players!

Tesreau seems the only regular winner on the McGraw staff.

In a recent Central league game the battery for Grand Rapids was Smith and Schmidt.

Manager Wolverton says DeJ Paddock, his Dubuque recruit, will be a fixture at third base.

George Stovall, manager of the Browns, is the latest golf recruit from the baseball ranks.

Atlanta of the Southern association has had nineteen pitchers on its roster since the first of the season.

The White Sox now have four players named Johnson on their pay roll. Will it be a case of "Too Much Johnson"?

Any space given to anything except what bears directly on the pennant race is velvet for the recipients these days.

Bobby Wallace is playing ball like a youngster and is responsible for many of the victories that the Browns are making.

Ted Eastery alone is keeping up the batting average of the Sox these days. As a pinch hitter he has few if any equals.

Captain Lord is developing into a first-class outfielder. He can go back or come forward on a hard drive as well as any of the stars.

Tommy Leach makes about as pretty a sight as the fans want to see when he is racing around the bases trying to beat out a home run.

Harry Davis is still undecided about his future plans. The chances are he will be able to get another job as a manager before the start of next season.

Topsey Hartnell, who is making a good record as leader of the Toledo team this season, is most likely to be appointed to manage the Naps next year.

Umpire O'Brien says the job of umpiring in the major leagues is easy. That's the reward an umpire gets when he does good work. Others please take notice.

Manager Griffith of the senators will have Walter Johnson and four other members of his pitching staff operated on for the removal of their tonsils after the season is over.

With the release of Chouinard and Curtis Des Moines has an entirely new outfield. In Collins, Morris and Wetzel. Curtis has gone to his home in Philadelphia. Chouinard may be back next year if his health permits.

TERRY TURNER "CAME BACK"

Clever Cleveland Infielder Playing Great Game This Season—Also Bating Quite Hard.

Terry Turner, the third baseman of the Cleveland team, is having one of the best years he has experienced since joining the ranks of the major leaguers. Terry has been hitting in fine shape all season and has been fielding like he did in the days when he broke into fast company and was known as the demon shortstop of the Naps.

While the Cleveland, under Manager Harry Davis, have been a disappointment this year, the playing of Turner has been one of the bright spots in the work of the club. Terry, once regarded as among the greatest shortstops on the diamond, had con-

siderable trouble with his arm, which kept him out of the game for a long time. It was reported at one time that he would never be able to play again, but Terry seems to have come around in good shape of late. He has been batting in the neighborhood of .320 all season and has regained the place in the hearts of the Cleveland fans he occupied a few years ago.



Terry Turner.

The Case.

"How did it happen that Jopps did not keep the good position he had?"

"On one important occasion he lost his head."

"How did that happen?"

"It was cut off."

Not What She Feared. "George has told me all the secrets of his past."

"Mercy! What did you think of them?"

"I was awfully disappointed."

TO DRIVE OUT MALARIA AND BUILD UP THE SYSTEM. Take the Old Standard QUININE TABLETS. CHILL TONIC. You know what you are taking. The formula is plainly printed on every bottle. It is simply quinine and iron in its most effective form, and the most effective form. For grown people and children, 50 cents. Adv.

When the Egg Is Laid. Patience—The hen never counts her chickens before they are hatched.

Patience—But you must remember she does a whole lot of cackling.

A HIDDEN DANGER

It is a duty of the kidneys to rid the blood of uric acid, an irritating poison that is constantly forming inside.

When the kidneys fail, uric acid causes rheumatic attacks, headache, dizziness, gravel, urinary troubles, weak eyes, dropsy or heart disease.

Doan's Kidney Pills help the kidneys fight off uric acid—bringing new strength to weak kidneys and relief from backache and urinary ills.

A North Carolina Case. Mrs. M. P. Lee, 20 Ashland Ave., Asheville, N. C., says: "I had Doan's Kidney Pills as a sure remedy. I suffered intensely from pain in my back and sides, and the action of my kidneys was irregular. I often became nervous and dizzy. Doan's Kidney Pills fixed me up in a short time and I am now well. I recommend this remedy highly."

Get Doan's at Any Drug Store, 50c a Box. DOAN'S KIDNEY PILLS. FOSTER-MILBURN CO., Buffalo, New York.

Resinol clears away pimples

BATHE your face for several minutes with hot water and Resinol Soap and very gently apply a little Resinol Ointment. In a few moments wrinkles off again with more Resinol Soap and hot water, finishing with a dash of cold water to close the pores.

Do this once or twice a day, always using Resinol Soap for toilet and bath and see how quickly pimples and blackheads vanish, and your skin becomes clean, clear and velvety.

Resinol is also most effective for itching skin troubles.

Your druggist sells Resinol Soap (25c) and Ointment (50c), or mailed on receipt of price. Resinol Chemical Company, Baltimore, Md.



DIACRAMP

REG. U. S. PAT. OFFICE. is a safe, never-failing remedy for Cramps, Colic, Diarrhoea, Dysentery, Nausea, Acute weakness, Sick Headache, and all Alcoholic Excesses. Gives immediate relief.

Diacramp does away with all narcotics and dangerous drugs containing no opium, chloroform, etc. It does the work quickly without deranging the system and has no bad after effects.

Save yourself suffering by getting a bottle of DIACRAMP today.

10c and 25c AT YOUR DRUGGISTS.

If he can't supply you, send 10c in stamps for trial size.

BROWN BROS., BALTIMORE. Mail orders promptly filled.

WUTH BROS. & CO., Wholesale Distributors.

DIACRAMP

The Wretchedness of Constipation

Can quickly be overcome by CARTER'S LITTLE LIVER PILLS.

Purely vegetable—act surely and gently on the liver. Cure Biliouness, Headache, Dizziness, and Indigestion. They do their duty.

SMALL PILL, SMALL DOSE, SMALL PRICE. Genuine must bear Signature.

FOR ALL EYE PAINS Pettit's Eye Salve