

# POULTRY



## KEEP LITTLE ONES GROWING

Young Chicks, When Allowed to Range, Are Too Often Neglected and Become Stunted.

(By N. E. CHAPMAN, Poultryman, Minnesota College of Agriculture.)

Most chicks are well fed and cared for while their mothers are confined in coops; but when allowed to range regular feeding is too often neglected, and as a result growth is retarded and they become what is termed "stunted." It appears from statistics furnished by produce dealers that but seven per cent. of spring chicks marketed weigh four pounds December 1. By this time all the spring stock of the general purpose breeds, like the Rocks, Wyandottes, Orpingtons and Reds, should average at least six pounds live weight. Plymouth Rocks have been made to weigh seven pounds dressed, at Thanksgiving time, by judicious feeding for growth and development while on range.

When the chicks are weaned at six or eight weeks and are on range, their grain ration, with grit and charcoal, may be supplied in hoppers. The hoppers should be so placed or so constructed that the old fowls will not rob the chicks or drive them away. A small enclosure, made of lath and covered with wire, will admit the chicks and keep others from frightening or molesting the chicks while eating. Coops of ample space should be furnished, well ventilated, but secure from the depredation of night prowlers. The coops, utensils and



A Prize Winner.

surroundings should be kept scrupulously clean and sanitary and the flock kept free of vermin.

Cracked corn is one of the best grain feeds for growing poultry. When new corn begins to harden, whether sweet or field corn, it may be "whittled" or shaved from the cob for the easier chicks. On range they will secure bugs, worms and grasshoppers, and pick up grit and bone-making material.

When they have reached full height all those intended for market should be put in fattening crates and fed ground feed and skim milk for three weeks. An average of two pounds per head may be added to the weight of fowls, old and young, by this method at a cost of about five cents a pound. By all means keep the chicks growing, and fatten them before putting them on the market.

## PARTITION IN CHICKEN COOP

Found Especially Convenient in Forcing Fowls Toward Door at Either End of Pen.

A good retaining pen from which to sell poultry may be had by building a coop of the desired size and placing in it a sliding partition for use in forcing the fowls toward the door at either end, enabling a person to take out one at a time.

The sliding partition may be used for dividing the pen into two compartments by placing the partition in the



Sliding Partition.

center of the coop, says a writer in the Popular Mechanics. The pole which runs from the center of the sliding partition through a hole at one end of the cage for pulling the partition back and forth may be used also as a roost when it is desired to leave the fowls in the pen for several days for fattening purposes.

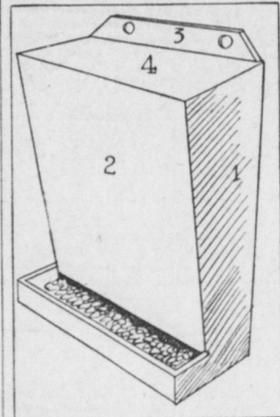
## Band for Pigeons.

To place a band on a pigeon, hold the hind claw back and press the front claws through the ring; draw the ring close up to the knee joint, and then, when on a level with the extremity of the hind claw, gently pull the hind claw through the ring, and the ring will be in position and will not, unless it has been placed on at too early a date, fall.

## GRIT BOX IN CHICKEN HOUSE

Much Trouble Can Be Saved to Poultry Raiser by Using Device Shown in the Illustration.

If you want to feed your chickens grit, make a grit box like this to hang in the chicken house and the trouble will be over, writes George W. Clark of Noble, Ill., in the Farmers Wall and Breeze. The sides (1) are made of 7-8-inch boards 20 inches long on the back side and 17 inches on front side, 2 inches wide at the bottom where the sides meet the trough and 4 1/2 inches wide at the top. Front of hopper (2) is 1/2-inch thick, 12 inches wide and 17 inches long. The back (3) is the



Grit Box for Chicken House.

same as the front except that it is 24 inches long and extends above the hopper, with two 1/2-inch holes so it can be hung up on the wall. The cover (4) is 6 inches wide and 12 inches long, hinged to the back with a small hinge in the middle. A trough (5) 12 inches long, 6 inches wide and 2 inches deep, attached to the bottom of hopper, leaves a 1-inch space below the front board for the grit to feed through.

## To Clean Fountain.

The best way to clean drinking fountains which cannot be reached on the inside is to use scalding hot water and a big handful of shot. Fill the fountain about a quarter full of hot water and then pour in the shot. Shake the vessel briskly so that the shot will scrape along the bottom and sides of the fountain. This will remove the scum and leave the fountain sweet and clean.

## Feed the Chicks.

The best feed for chicks is a variety of ground grains, consisting of corn, wheat, Kafir corn, millet and bulled oats. Feeds of these and similar good mixtures are purchasable at less cost than the mixture can be prepared by the individual. Also give them charcoal and fine grit. Never feed any wet feeds.

## Desire Meat for Ration.

The observing poultry raiser cannot fail to note how eagerly young chicks seize any kind of a scrap of meat. They will pull and tug and tumble over each other in their eagerness to get a bit of flesh, either raw or cooked. This indicates the desire which nature has given them to supply their wants.

## POULTRY NOTES

What are you breeding—lice, mites or poultry?

Look to the comforts of your stock if you want good results. It's more profitable to feed poultry than it is to feed vermin.

Kafir corn is considered a stimulating grain by the pigeon breeders.

Nux vomica is a good stimulant and appetizer if fed in moderate doses.

Preparations are frequent in yards that have no shade these hot days.

The poultry business is a legal business, and yet we must have watered stock to do business.

A hen, if given the opportunity, that does not keep the lice on her body under control, is not worth keeping.

Feed your poultry very little corn, if any, these hot days; the mites a kerosene emulsion and make the lice "bite the dust."

Good breeding and exhibition stock is scarce this year, and will be scarcer after "Johnny-on-the-spot" gets through selecting his.

Now that ducks have stopped laying turn them out to pasture, feed lightly and give lots of shade, as ducks are very susceptible to heat.

Spray once or twice a month with a kerosene emulsion or some other good disinfectant and use lime with a little sulphur added in the nest boxes.

Speaking from observations and not from experience breeders here are like love-ack lovers in one respect—they eat less than when in a normal condition.

Permanganate added to the drinking water, just enough to make it a claret red, will kill all germs in the water, and is an excellent disinfectant for the digestive system of your birds.

Limberneck is caused by the fowls having access to decaying vegetable or animal matter. If you find any cases in your flock look for something dead lying in some corner that has commenced to decay and your birds have commenced to eat it.

## DANVILLE GETS PUPIL OF MORDECAI BROWN



Anthony Carlo, Youngster Southpaw.

Anthony Carlo, the eighteen-year-old left-hander, the property of the Newark club of the International league, was transferred the other day from Terre Haute to Danville of the Three-I league. Carlo, who started his baseball career as a bat boy for the Chicago Cubs, attracted the attention of Mordecai Brown, who took him in hand and taught him how to pitch. In recommending Carlo to Manager McGinnity Brown said: "That lad has a lot of stuff and has made rapid

strides at picking up the fine points of the game. Give him a chance and you will not regret it."

While with Terre Haute Carlo pitched but two games, winning the first from South Bend in handy fashion. The second contest was lost to Springfield by the score of 5 to 4 through an error of an outfielder, who dropped a fly, letting in two runs in the ninth inning. It is expected that Manager Chance will give the boy a try-out next year.

## ROCHESTER'S BRIGHT STAR

"Cozy" Dolan, Former New York Highlander, is Playing Clever Game for Manager Ganzel.

The real feature of the Rochester champions' play recently has been the remarkable and timely hitting of that great third sacker, Albert J. (Cozy) Dolan. Cozy is fast climbing towards the top in batting and today his average is .333 in 45 games. The feature of his hitting is its timeliness.

On Sunday, June 30, at Jersey City Dolan hit one over the fence in the tenth inning and it won the game for his team. At Toronto July 2 he hit another one over the fence in the eleventh inning and the Hustlers won. At Rochester in the morning game of July 4 with the score a tie when the Champs went to bat in the ninth inning and McMillan, who was first to bat, had been retired, Sir Cozy slammed the ball over the left field fence. Saturday, July 6, with the score a tie in the tenth inning and McMillan on second base, along comes Mr. Dolan and hits the ball in left field, thereby winning the game and fifty dollars for himself. Not content with all this glory, he put the finishing touch to the second game at Buffalo the other day by lifting one over the fence with one man on and it was enough to win again.

Not only is Dolan to be praised for his batting, but he is fielding in grand style and one must look beyond the



"Cozy" Dolan.

International league to find a greater pair on the left side of the diamond than Dolan and McMillan. Harry Wolverton made a big mistake when he let Dolan get away from the Yankees without a thorough trial.

Pitcher McConnell in Demand. Pitcher George McConnell must be highly thought of as a twirler by many of the clubs in the big leagues, even if he is not by the Yankees. When the New York team asked for waivers on him five clubs in the National and five in the American were willing to take him at the waiver price.

## Players and Writers.

Bobby Wallace is one of the star players who does not believe that a player can be a good writer and a good player at the same time. He is outspoken in denouncing the effort of some players to write about their fellow players.

## VETERANS WERE BEST

Old-Timers Were More Rugged, Says Rhody Wallace.

Nothing Less Than Splintered Neck or Fractured Spine Would Keep Regular Players Out of Games of Few Years Ago.

"I often wonder just why it is," says Rhody Wallace of the St. Louis Browns, "why ball teams of today are forced to carry more than twenty players to make a fight for the flag, and even then are sometimes compelled to use pitchers in the outfield and outfielders around the infield."

"Now, take the old days. When I was working under Pat Tebeau in a Cleveland uniform in the early '90s, we went through the season with exactly eleven men—and we made a fight for it all the way. We had one catcher, Chief Zimmer; two pitchers in Cuppy and Cy Young; four infielders, three outfielders and an extra guy, who was supposed to fill any vacant spot, only he had little to do, as the other ten of us were usually on the job, where nothing but a fractured spine or a badly splintered neck could crowd us away from the works."

"Young and Cuppy pitched practically every game. Young had as much or more stuff to use than he has now. Both he and Cuppy worked as hard and cracked them over with as much on the ball as they do today."

"Why is it, then, that if eleven men were enough then, twenty or more are not enough now? Why is it that if two pitchers could work through a schedule, six or seven can't turn the trick without sore arms, breakdowns, lame backs or something else to crowd them away from the field?"

"Why, I've seen Zimmer work with broken fingers, have seen him bind them up with tape and still catch great ball. I've seen infielders badly spiked, and they no more thought of asking for a rest than they thought of asking John D. Rockefeller for his share of the oil business. They were out there to play ball and these things were part of the game. And when a ball player was relieved he had to come pretty near showing a coroner's certificate with a signed autopsy to get away with it."

"It isn't that players of this latter age are any less game, perhaps, but rather that the times have changed. We were ball players then. Today they are athletes. We were not so particular, maybe, about our condition through the off hours, but we were always on the field, drunk or sober."

"Today the athletes take better care of themselves—are more particular about their condition, but the man-



Rhody Wallace.

ger is lucky who can put his regular line-up into play for a week's stretch.

"And that's why I was wondering—wondering why twenty-five ball players today, who have the advantage of thorough training, who are handled with the greatest care, who take the best possible care of their own condition, in general, are not able to keep going. While twenty years ago eleven diamond men with no spring training—who took little or no care of themselves off the field—could jump in and fight through a season without ever knowing what a hospital looked like, and two pitchers could work a schedule out then and keep in shape, while eight can't do it now without caving under all along the route, seems hard to understand."

## Latest Fad in Baseball.

It is getting to be a common thing nowadays for the managers of major league baseball clubs to have an assistant manager, who does a little scouting work on the side. McGraw has Robinson, Griffith has Schaefer, Harry Davis has Paddy Livingston, Dahlen has Willie Keeler, Jennings has Jim McGuire and Joe Sugden, and Callahan of the White Sox has "Kid" Gleason. Gleason is an old-time player and a great favorite with the fans all over the circuit. His playing days are over, but he is very useful to Callahan by assisting him to run the team.

## Flick as Pinch Hitter.

Elmer Flick, the former Nap, is starring as a pinch hitter for Topsy Hartsel's Toledo Mudhens.

## HARD LUCK.



"The sense of the ridiculous," said Kate  
"Is strong in Sue—the foxy elf."  
"Indeed," said Grace, "how very keenly then,  
She must appreciate herself."

## ECZEMA BEGAN BY ITCHING

Goldsboro, N. C.—"My daughter suffered from eczema. The trouble began in the ears by itching and running water, and later it formed pus and became very offensive. She began to scratch it and it went into sores. When the sores came off there was a yellowish watery discharge. The outside of the ear was one solid sore. She tried several different remedies but received no relief. She had been troubled with it between one and two years when she finally began using Cuticura Soap and Cuticura Ointment. "She had not made but two treatments when all the sores came off and the flesh just looked very red and dry. She kept up the treatment four or five weeks and she was entirely cured. It also cured other sores on the children, especially chapped feet on one of the little boys." (Signed) Mrs. W. H. Edgerton, Jan. 24, 1912.

Cuticura Soap and Ointment sold throughout the world. Sample of each free, with 32-p. Skin Book. Address post-card "Cuticura, Dept. L, Boston."

## Hot Weather Drink.

Philip Hale, one of Boston's latter-day philosophers, recommends barley water as a more sensible drink for hot weather than "ice-cold" blends of waters, sirups, acids, gulped at the marble fountains. Mr. Hale's recipe for his favorite tipple is as follows:

"For three pints of water you will require a teacupful and a half of well washed pearl barley, four lumps of sugar and the thin rind and juice of one lemon. Pour boiling water over it, cover with a saucer and let it stand till cold; then strain again and again till clear, and pour into a jug."

A buttermilk fan adds:  
"Then set the jug in a cool place and forget it."

## Sure of Himself.

"Aren't you afraid you may become a slave to the smoking habit?"  
"No. I can quit whenever I want to."

"How do you know that? Have you ever tried it?"

"No; but I've cured myself of the habit of voting for every candidate who is nominated by the political party to which I belong, and a man must have a strong will to do that."

## Pa's Rather Indefinite.

"Pa, what is an anachronism?"  
"Oh, that's something or other smart people are always finding in Shakespeare's works. Now, run along and play."

Tell it not in Gath, but there are church members who look too happy at a horse race and too solemn in prayer meeting.

The uses of a mother-in-law are too often less than her abuses.

## HOW MANY OF US

Fall to Select Food Nature Demands to Ward Off Ailments?

A Ky. lady, speaking about food, says: "I was accustomed to eating all kinds of ordinary food until, for some reason, indigestion and nervous prostration set in."

"After I had run down seriously my attention was called to the necessity of some change in my diet, and I discontinued my ordinary breakfast and began using Grape-Nuts with a good quantity of rich cream."

"In a few days my condition changed in a remarkable way, and I began to have a strength that I had never before possessed of before, a vigor of body and a poise of mind that amazed me. It was entirely new in my experience."

"My former attacks of indigestion had been accompanied by heat flashes, and many times my condition was distressing with blind spells of dizziness, rush of blood to the head and neuralgic pains in the chest."

"Since using Grape-Nuts alone for breakfast I have been free from these troubles, except at times when I have indulged in rich, greasy foods in quantity, then I would be warned by a pain under the left shoulder blade, and unless I heeded the warning the old trouble would come back, but when I finally got to know where these troubles originated I returned to my Grape-Nuts and cream and the pain and disturbance left very quickly."

"I am now in prime health as a result of my use of Grape-Nuts." Name given by Postum Co., Battle Creek, Mich.

"There's a reason," and it is explained in the little book, "The Road to Wellville," in pkgs.

Ever read the above letter? A new one appears from time to time. They are genuine, true, and full of human interest.