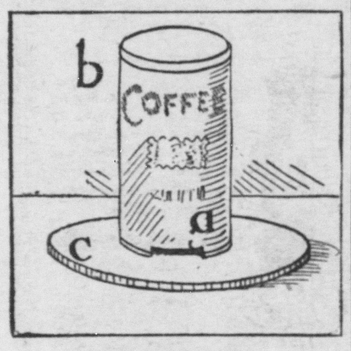
POULTRY

HOPPERS FOR THE CHICKENS

Details and Illustrations for Free Delivery of Feed Into Trays for Young and Old.

I make all my dry-feed hoppers for chicks, from one-pound coffee cans, and covers from five-pound lard pails, says a writer in the Farm and Home. They are very satisfactory as well as cheap.

With a can opener I cut a slit about two inches long, close to the bottom of the can, then at each end of the cut make a half-inch incision toward the top of the can. With a pair of pinchers I bend back the tin, making a hole large enough to allow the feed

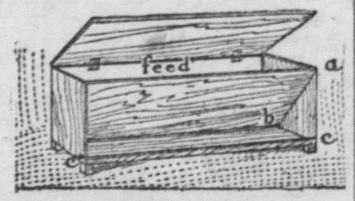


For Baby Chicks.

to sift through but not large enough for a chick to get its head through, lest they get hung. Next I drive two holes in bottom of can at the proper distance from each other to admit the points of a wire staple. Make corresponding holes in the pail cover, insert the staple through the four holes and bend each point outward, fastening cover and can together. Remove top from can and fill with meal or bran and there is not a hopper on the market more useful for baby chicks up to four and five weeks of age.

The hopper for larger fowls is made from a long but narrow wooden box. Any dimensions which suit the space or wishes of the poultry man may be use. Remove cover and front side from box, saw a small strip from end of the removed front and fit carefully upon cleats placed from front corner of top to back corner of bottom. (See line a b.) Across front of bottom c, nail a narrow strip to prevent feed from being pushed out on floor.

For the cover, hinge top of box to back side and the hopper is ready to hang upon the wall or place on blocks the right distance from floor



Dry-Feed Hopper for Poultry.

to allow fowls to eat comfortably. In fitting the front upon the cleats allow half an inch space from bottom and one inch from back of hopper. This gives free delivery of feed into the tray.

SUNFLOWER SEED FOR HENS

Russian Variety Is Most Prolific for Furnishing Good Quality of Rich Oil Feed.

For poultry the Russian sunflower is the most prolific variety. Sow seed early in June. The sunflower is a profitable crop to grow for furnishing a good quality of rich oil feed to take the place of cottonseed or flaxseed meal. Sunflower seed is used in all the poultry mixtures now sold in the markets.

The sunflower is a hardy plant, a vigorous and rapid grower, and a good plant to grow not only for its seeds, but also for its bright, beautiful yellow blossoms. The plant, when in full bloom, makes a good food for honey bees. Have the ground deeply plowed and thoroughly mellowed. The ground should be rich to grow large heads full of seed. Mark the rows off three feet apart and three inches deep. Drop two seeds to the running foot. When plants are up thin out the stand 15 to 20 inches apart. Good culture, free of grass and weeds, must be given through the season.

Vacation for Breeding Stock.

Give the breeding stock, you intend to carry over for next season, a vacation in vacation quarters. If possible, separate the males and females anud give each flock outdoor quarters on ample range, well shaded. Let them occupy this summer range until time to house in winter quarters in the fall. You will find that they moult out cleaner and earlier and that they will prove better in breeding condition.

Reduce Egg-Laying Power.

An egg is a chemical combination, and if hens lack in their feed any element which is found in eggs then the power to produce eggs is lowered.

WHY PURE BREEDS ARE BEST

Well Kept Flock of Thoroughbreds Costs No More to Feed and House Than the Mongrels.

(By MRS. H. F. GRINSTEAD.)

The person who raises chickens, turkeys, ducks or any other fowl naturally feels a greater pride and interest in thoroughbred stock and, therefore, gives the flock better care than would be given to mongrels. No matter what kind of birds you have, however, the same rule of good care applies. With the right kind of care and interest your flock will yield abundant satisfaction and good profit and both of these are felt to a greater degree by the owner of the thoroughbred fowls.

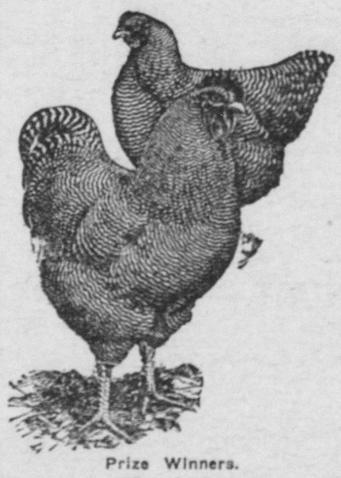
Houses, yards and feed cost about the same for either mongrels or full bloods and a well kept flock of thoroughbreds always attract attention and admiration from neighbors, who are often willing to pay a much better price for eggs for hatching purposes from such stock than ordinary eggs will bring.

Many buyers, every season, get excellent results in the least expensive way by purchasing eggs from which to hatch pure bred stock. The breed best suited to your surroundings and the purpose you wish them to serve should be selected. The best meat producer is not, as a rule, a good egg producer and so on, but with careful study of some of the breeds a buyer ought to be able to know how to select just what will meet his needs.

PLYMOUTH ROCKS ARE FIRST

More Marketable Than White-Feathered Chickens, Says Prof. Lippincott of Kansas.

The most marketable breed of chickens is the Barred Plymouth Rock. This decision, handed down a few days ago by W. A. Lippincott, professor of poultry husbandry at the Kansas Agricultural college, answers a question which long has been disturbing the minds of poultry-raising persons. It will be a hard blow to the popular theory that white-feathered chickens are more in demand on the markets than any other breed. Doubtless you have stood by that belief all your life, and you may take exception to the ruling of the court.



Prize Winners.

But white feathers don't count for all, the poultry professor says. And he has made, in packing centers, an investigation upon which to base his assertions. At to their marketable merit, Prof. Lippincott ranks the various breeds like this: Barred Plymouth Rocks, White Wyandottes, White Plymouth Rocks, Black Langshans, Leghorns, Brahmas, Cochins, Scrubs.

Yellow shanks and yellow skin are demanded above everything else, the decision says. Further, the shanks must be clean and free from feathers. The body must be plump and of medium size—four to seven pounds, for roasting birds. The breeds that most nearly meet these requirements are the Plymouth Rocks, Wyandottes, and Rhode Island Reds. The reason such breeds as Buff Wyandottes and Rhode Island Reds do not appear in the list just given is because they have not been bred in sufficient numbers to make an impression on the market. Packers are not acquainted with them.

POULTRY NOTES

Look to the comfort of the fowls.

Never feed whole corn except at evening.

Direct sunlight is a great natural disinfectant.

Don't neglect your chicks and fowls in hot weather.

Hot, close weather brings lots of lice to the dirty pen.

It is a well-known fact that all hens are not good layers.

The hot, sultry weather is trying to both fowls and men.

Don't crowd sleeping quarters. Keep fronts of houses open.

Hens and pullets do not thrive on the same kind of feed.

Heat prostration is common in yards where there is no shade.

Keep things clean. Use lice powder, lice paint and disinfectants freely.

As soon as the hatching season is over all sale birds should be marketed.

Feed little, if any, corn or other heating foods while the temperature is high.

It takes a good poultryman to keep up his enthusiasm when the weather is hot.

Success with poultry all depends on whether we have egg producers or drones.

TED EASTERLY NO DUDE

Not Particularly Strong on Sartorial Embellishments.

When Cleveland Backstop Reported to Los Angeles Club He Was Dressed in Peaceful Valley Dicer and Celluloid Collar.

When Ted Easterly, who is playing a remarkably clever game for the Cleveland club this season, pried his way into the professional ranks as a member of the Los Angeles team, he was not particularly strong on sartorial embellishments.

While indirectly from the "tall and uncut," Ted was a human dynamo when it came to getting the information and was "wise" to almost everything except duds, says the Sporting News. But put him up against the purple and fine linen game and his combined batting and fielding average would have been about .001 at the most.

When Easterly reported for the first trip north with the Seraphs he was harnessed up in a Peaceful Valley dicer and a celluloid collar. True, there were other articles of wearing apparel clinging to his person, but it was the haberdashery stuff that gave him the real sparkle.

This collar was the type that is built to an extreme height of five-sixteenths of an inch, is invariably from four to five sizes too large for the wearer and shines with a luster all its own. Ted is believed to have accumulated it in Downey, Cal., which was the scene of his amateur activities. Celluloid collars were considered quite recherche in Downey at that time. Comparatively few of them, however, survive at the present time.

When the team landed in Oakland, Hogan, and Brashear, with Easterly trailing along, drifted into a stogie shack, only to encounter "Bull" Croll

Ted Easterly.

and Joe Nealon, who were then playing with the California "outlaws." Hogan and Brashear at once started in to "kid" Croll and Nealon.

"Come on 'bushers,' and have a real class A cigar," remarked Hogan, airily throwing down a five-spot and ordering the most expensive cabbage in the house.

Brashear supplemented this with a grand stand play of the same sort and all the time a line of talk was handed out to convey the impression that Croll and Nealon were playing with a sixth-rate league. These were at a loss for verbal vitriol with which to combat the caustic comments of the Coast leaguers until Croll happened to spot Easterly with the celluloid halo about his neck.

"Class A, eh? Class A!" drawled Croll, fixing a piercing gaze on Ted. "Say, 'Hap,' bring your class A friend with the China egg collar on over here and we will buy him a good cigar"—but Hogan had ducked.

Another No-Hit Game.

Manager Ramsey of the Anderson team of the Carolina association pitched the first no-hit game of the season in his league against Greenville, winning 1 to 0. Pitcher Van Pelt of the Charlotte team on the same day allowed Winston its first hit after one was out in the eighth inning, being pitted against Ray, who defeated Charlotte in three successive games in the week before.

Chicago Boy Doing Well.

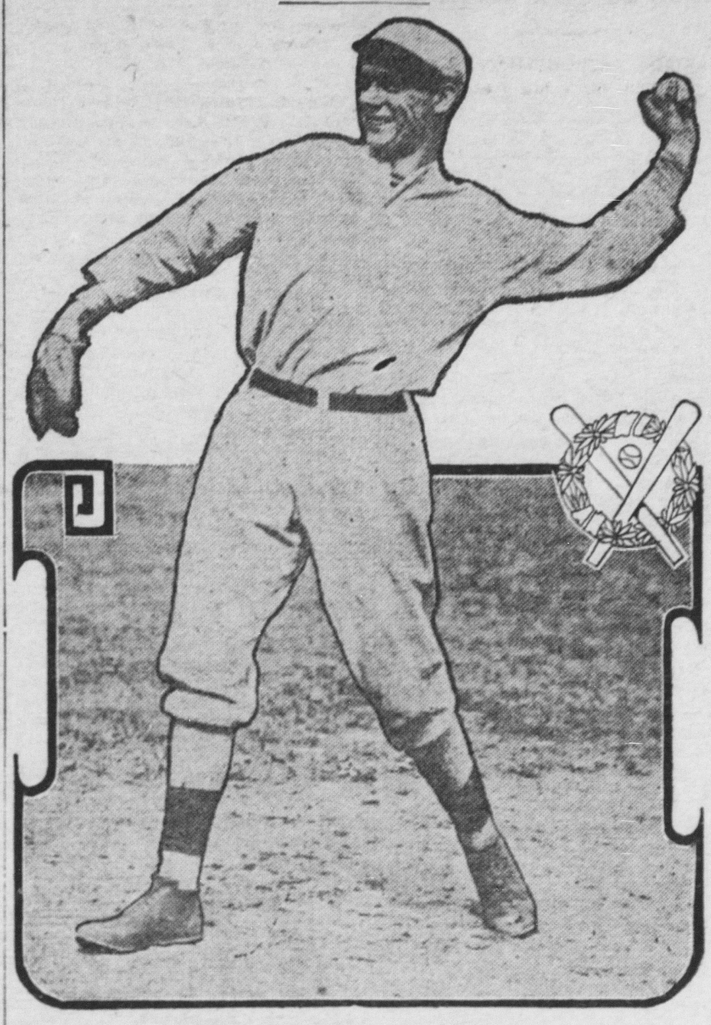
Walter Leverenz, a Chicago boy, is making a phenomenal record as a pitcher with the Los Angeles club in the Coast league. This kid southpaw, a former team-mate of "Lena" Blackburne at Hartford a few years ago, has won eleven games for the coast team this year. He is being watched by the big league scouts and will be in the major leagues before very long.

The Baseball Bug.

A man went into a local office building and asked the elevator operator if they had any rooms for rent.

"Three to one in the first inning," was the elevator man's reply.

REMARKABLE WINNING STREAK OF MARQUARD



Rube Marquard, $11,000 "Lemon."

The winning streak of Rube Marquard of the New York Giants is not only a season's sensation, but is the cause of a lot of arguments—some of which can be settled by reference to the records, others which must be decided only in each fan's own opinion. As the Rube approached the modern day records of Reulbach and Chesbro of 14 straight wins the delvers into the dope began to dig deeper for more ancient marks for him to shoot at. They discovered that Radbourne had won 18 straight for Providence in 1884, that Luby had won 20 for Chicago in 1890 and that McCormick in 1886 with Chicago had won 24 straight. So far as known that mark of McCormick's is the premier feat in organized ball.

Disputes as to the clear title Marquard holds to some of his victories will always be open. For instance, there was the case of his thirteenth win. Marquard went out of the game with his team behind, but before another pitcher went in his mates batted out a victory. Secretary Heydler of the National League ruled that the victory went to Marquard because he had pitched most of the game. The fifteenth game presented another situation. Marquard went in in the eighth inning with the score a tie; his team won in the tenth. He also got credit for that.

Whatever may be the arguments, there is no question that Richard de Marquis is one of the greatest twirlers of modern times and the fact that he is a left-hander makes his work all the more remarkable, for left-handers have never been noted for consistency.

AROUND THE BASES

Frank Schulte's homers are more timely this season than last.

Somebody has characterized the National league race as a three-months' yawn.

Lavender looks more like $1,500 worth than O'Toole looks like $22,500 worth.

Tris Speaker was the first American league player who passed the 100 mark for hits.

Some machines have tire trouble, but Harry Davis' Cleveland team has first-base trouble.

Eddie Siever, once a Detroit pitcher, is now an umpire in the Southern Michigan league.

Pat Dougherty, former White Sox outfielder, is managing a semi-professional team at Hornell, N. Y.

Lee Lemon is the big batter of the Texas league, with an average of .333. Funny, how a lemon can bat.

From the epigrams of Tom Sharkey: "Kids don't care any more about boxing. It's all baseball."

Buck Weaver has learned that it doesn't pay to get his hands into an argument with Ty Cobb's spikes.

Edward Willett set a long-distance hitting mark for Detroit when he made two home runs in two consecutive innings.

Baker and Cravath are doing more to distribute leather to far-away points than all the big Philadelphia factories combined.

Eddie Plank of the champions is in great form. He believes that he will get another chance to trim the Giants in the fall.

The Detroit club has purchased a shortstop from the Hannibal club of the Central Association. Olde O'Mara is his name.

Montreal papers are charging that Chick Gandil didn't do his best for the International league team. And, naturally, Chick is sore.

Charley Dooin is actually trying the scheme of giving his signals while standing. He thinks the old crouch thing will have to go.

ONE OF MACK'S GREAT FINDS

Amos Strunk Fills Place of Captain Murphy in Athletic Outfield With Much Credit.

Amos Strunk, who is playing left field for the world's champions, has been with the Athletics for four years. Probably no man in baseball outside of Connie Mack saw in Strunk the "makings" of a great player. Amos sure was a raw recruit when Mack picked him up. Few and far between

Amos Strunk.

were the games in which he participated up to this season.

When Capt. Danny Murphy was injured a short time ago the wiseacres said: "That finishes the Athletics. Connie hasn't got a good man to take his place." But they reckoned not with the youngster whom Connie worked with for the greater part of four years. Amos Strunk was assigned to an outfield berth, and he has proven by his terrific batting and brilliant fielding that Connie's confidence and patience were not in vain.

Protects His Feet.

Umpire Johnstone of the National league wears a metal covering over his shoes to protect his feet from foul tips.

Moroa Funeral Custom.

With Moroa people, on the death of a chief, his son (or heir if he has no son) must provide a mare, which is led around the assembled guests by a laughing woman, who is dressed up for the occasion. It is absolutely necessary that a mare should be obtained for the funeral—should the heir neglect to do so, the ghost of the deceased will never give him any peace—and she must be sold afterward; if not, she will die. Why the woman should have to be laughing is past comprehension, but that is the Moroa custom, and after all it is quite a mistake to suppose that people must necessarily look glum on these occasions.

Education.

He had asked her to marry him several times, but she had always said no. Now, at last he determined to know the reason why.

After some delicate questioning, she replied, finally: "Well, for one thing, the man I marry must be very well informed, in fact, learned."

"And I am not that?" he asked. "Why, I'm a graduate of three universities, speak eight languages fluently, and know all the ologies!"

She shook her head. "That isn't enough," she said.

"Oh, I forgot to mention," he made haste to add, "that I can give you all the college athletic records for the last ten years, and the names of all the different parts of a motor car and—"

"That'll do. I'm yours!" she cried.

HERE IS REALLY GOOD IDEA

Fire Insurance Would Be an Easy Matter if It Could Be Conducted That Way.

Senator Williams, at a dinner at Yazoo, said in condemnation of a mooted tariff change:

"They who advocate this change know just as much about the tariff as the old lady knew about fire insurance.

"This old lady visited an insurance office and insured her barn for $3,500. The policy was drawn up, signed, sealed and handed over to her, and she put it in her cabba and started out.

"'But hold on, ma'am,' said the agent. 'I must ask you, please, for the first year's premium.'

"'The first year's premium,' said she. 'And how much will that be?'

"'There it is, ma'am, written on the policy,' said the agent. 'A small matter of $24.'

"'Oh,' said the old lady, 'I'm in a hurry this morning. You just let the premiums stand and deduct them when the barn burns down.'"

ECZEMA FOR TEN YEARS

1809 Little Walsh St., Baltimore, Md.—"I was afflicted with eczema for about ten years, the most tormenting and agonizing. It was dry eczema, all itching. It was scratch, scratch, scratch and burn, burn, burn. By scratching I brought sores which scabbed. I tried all remedies which I knew or heard of; some gave me temporary relief, but none permanent cure. I couldn't sleep for scratching, after which there was burning. I saw the advertisement for free samples of Cuticura Soap and Cuticura Ointment and wrote for them. They did me good immediately and I then bought a box of Cuticura Ointment and a cake of Cuticura Soap. I was cured in two weeks." (Signed) George Wooden, Jan. 21, 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."

Human Yardstick.

"Cholly, but I's tired!" exclaimed a tall and thin negro, meeting a short and stout friend on Washington street.

"What you been doin' to get tired?" demanded the other.

"Well," explained the thin one, drawing a deep breath, "over to Brother Smith's dey are measurin' de house for some new carpets. Dey haven't got no yawdstick, and I's just ezaccily six feet tall. So to oblige Brother Smith, I's been a-layin down and a-gettin' up all over deir house."—Youth's Companion.

Important to Mothers

Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it Bears the Signature of Chas. H. Fletcher.

In Use For Over 30 Years.

Children Cry for Fletcher's Castoria

An Ominous Assurance.

"I think," said the young statesman, "that some of my speeches will be recalled with interest in years to come."

"They will," replied Senator Sorghum, "unless you are exceptionally lucky."

The Sad Part of It.

"Oh, you will learn to forget me in time," she said.

"I know I shall," he replied, "but I shall never forget the money I have spent trying to make you think me a prince."

To remove nicotine from the teeth, disinfect the mouth and purify the breath after smoking, Paxtine is a boon to all. At druggists, 25c a box or sent postpaid on receipt of price by The Paxton Toilet Co., Boston, Mass.

Can't Afford It.

Hostess—Mr. Mann, you eat roast beef rare, do you not?

Guest—Yes, rare and rarely.—Boston Transcript.

DOES YOUR HEAD ACHE?

Try Hicks' CAPUDINE. It's liquid—pleasant to take—effects immediate—good to prevent Sick Headaches and Nervous Headaches also. Your money back if not satisfied. 10c., 25c. and 50c. at medicine stores.

This time of year, in order to have your innings, you ought to have your outings.

Mrs. Winslow's Soothing Syrup for Children teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 25c a bottle.

Man may be made of clay, but he isn't always "as rich as mud."

SPECIAL OFFER **Vaseline** HAIR TONIC

"It Saves the Hair"

Trial bottle sent on receipt of 10c. Write to-day.

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ROSSMAN'S PILE CURE

The Standard and Reliable Remedy Mailed on Receipt of Price, 50 cents

G. A. McKINSTRY

DRUGGIST Hudson, N. Y.

DROPSY TREATED. Give quick relief, usually remove swelling and short breath in a few days and entire relief in 15-45 days, trial treatment FREE. DR. GREENS SONS, Box A, Atlanta, Ga.

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