JUST WHAT HENS EAT

Meat Is Usually in Form of Bugs and Worms.

Considerable Studying and Experimenting Necessary to Find Out What Fowls Need and How Much They Should Have.

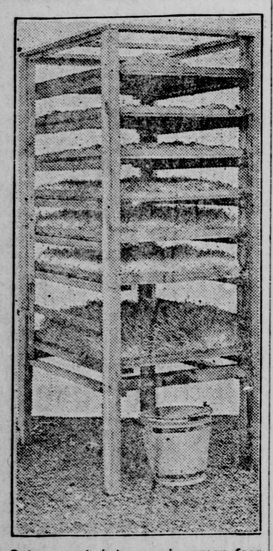
(By KATHERINE ATHERTON GRIMES.)

The hen has three reasons for eating: to repair the tissues of her body, to keep herself warm, and to make eggs. It therefore follows that her diet must be varied and plentiful.

If we open the crop of a hen that has been allowed to eat just what she pleased we will find that she has provided herself with three kinds of food—grain, green stuff and meat. The last named is usually in the form of bugs and worms.

We must, then, furnish our hens with food of these classes. Moreover, the quantity must be about right of each. If they are not given enough, they will have to use it all for body building and heat production, and will have nothing left over to make eggs with. If we feed too much of some kinds the surplus will go to fat, and the hens will get too lazy to lay.

It takes considerable studying and experimenting to find out just what the hens need, and how much they ought to have, but we must learn as soon as we can, or we will find our



Oats sprouted to supply green food when none is growing in the open. The arrangement of the trays shows sowing at week intervals. Then trays can be slipped out and placed in the poultry house as needed.

poultry is not so profitable as it ought to be. The feeding question is one of the most important in the whole poultry business.

Experts tell us that a hen needs about six ounces of food a day. A flock of ten, then, will need about three and three-fourths pounds a day, or a trifle over twenty-six pounds a week.

Of this amount two-thirds by weight should consist of grains. The grain should be a mixture of equal parts of wheat, cracked corn and oats. A few handfuls of sunflower seed, cane seed or buckwheat should be added for variety. They are to the hen what pie is to the boy—and you know what that is.

The other third should be a "mash," which is a mixture of bran and other finely ground feeds, usually fed dry. Some poultrymen moisten the mash, but the majority claim that it is better to feed it dry, and let the hen moisten it in her crop by drinking what water she wants. If fed dry there is less danger from certain kinds of disease.

A good formula for a mash is as follows: One-half bushel of bran, 4 quarts alfalfa meal, 2 quarts each of ground oats and corn meal, 1 tablespoonful of charcoal, 1 pint of beef scrap, 1 tablespoonful of salt and 1 teaspoonful of pepper.

This furnishes both meat and green food in about the right quantities. Where these elements are given in other ways the alfalfa meal and beef scrap may be omitted from the mash.

These ingredients should be thoroughly mixed together, and the mash kept where the hens can get it any time they want it. It is a bulky food, but not a fattening one, so there is no danger of their eating too much. The bran is one of the best "condition powders" poultry can have. It keeps the system vigorous and healthy and furnishes a large part of the egg-making elements.

The grain food should always be thrown into a deep little of straw or chaff, where the birds will have to "scratch for a living." If you have ever watched an old hen digging about in the yard you will know that it is as natural for her to dig as it is to breathe.

Grit and lime, usually given in the form of oyster shells, are two other necessary elements. They should be kept before the fowls all the time. A very convenient hopper for feeding the mash, grit and shells may be made like the illustration, the compartment for the mash being much larger than the others.

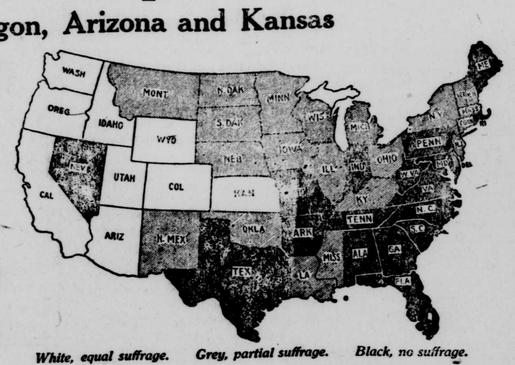
1912---1913

Great Gains in Equal Suffrage

STATES—Oregon, Arizona and Kansas

CONVENTIONS which have endorsed equal suffrage—National, Progressive, Prohibition and Socialist Parties.

New York	- -	all parties
Pennsylvania	- -	" "
Massachusetts	- -	" "
Connecticut	- -	Democratic
New Jersey	- -	Republican
Iowa	- -	Republican
Nebraska	- -	Republican
Nevada	- -	Democratic



White, equal suffrage. Grey, partial suffrage. Black, no suffrage.

GOVERNORS who have recommended equal suffrage:

New York, Pennsylvania, Connecticut, Iowa, Montana, Michigan, Nevada, Indiana and West Virginia.

LEGISLATURES that have passed constitutional amendments providing for the enfranchisement of women:

Michigan, Montana, South Dakota, Nevada, North Dakota, Amendments passed by one session awaiting action by second, New York, New Jersey and Iowa.

THE CASE FOR WOMAN'S SUFFRAGE IS BASED ON CHANGED CONDITIONS

100 YEARS AGO

Government was principally concerned with war and the protection of property; comparatively few women were wage earners; married women had no property rights; education was denied to girls.

TODAY

Government concerns itself with the special interests and environment of home and children, and with all the social and industrial problems of life. 96,000 Maryland women are wage earners, the law recognizes women as property owners, the average woman is as well educated as the average man.



Women need the Vote because Votes alone decide all questions connected with government.

VOTERS OF MARYLAND!

It is un-American and un-democratic to refuse what a majority of the People demand and it is un-American and un-democratic to withhold from the People the *opportunity* to make such a decision therefore;

We want the Democratic and Republican parties to endorse, at their conventions, the submission of a constitutional amendment providing for the enfranchisement of women.

SUFFRAGISTS OF MARYLAND—We Need Your Help

1. Volunteer to secure 100 voters' signatures to our petition asking for the submission of equal suffrage to the voters for decision. Send your name to the Just Government League, 817 N. Charles St., Baltimore, and we will send you petition blanks.
2. Come to Baltimore and march in the Suffrage Parade starting from Washington Monument, 5 P. M., Rain or Shine, Saturday afternoon, May 31st, 1913.

CASTORIA

The Kind You Have Always Bought, and which has been in use for over 30 years, has borne the signature of *Chas. H. Fletcher* **and has been made under his personal supervision since its infancy. Allow no one to deceive you in this. All Counterfeits, Imitations and "Just-as-good" are but Experiments that trifle with and endanger the health of Infants and Children—Experience against Experiment.**

What is CASTORIA

Castoria is a harmless substitute for Castor Oil, Paregoric, Drops and Soothing Syrups. It is Pleasant. It contains neither Opium, Morphine nor other Narcotic substance. Its age is its guarantee. It destroys Worms and allays Feverishness. It cures Diarrhœa and Wind Colic. It relieves Teething Troubles, cures Constipation and Flatulency. It assimilates the Food, regulates the Stomach and Bowels, giving healthy and natural sleep. The Children's Panacea—The Mother's Friend.

GENUINE **CASTORIA** ALWAYS
Bears the Signature of
Chas. H. Fletcher.

The Kind You Have Always Bought
In Use For Over 30 Years.
THE CENTAUR COMPANY, 77 MURRAY STREET, NEW YORK CITY.

BUSH & GERTS PIANOS

The most popular of the age. Strictly high-grade, having thousands of artistic endorsements from well known musicians, used in over four hundred public schools and over three hundred conservatories of music.

THE ONLY EXCLUSIVELY UNION LABEL PIANO MANUFACTURED

Every piano has the name of the manufacturers—BUSH & GERTS, Chicago, cast in the plate. Buy no piano that does not have the name of the real manufacturer cast in the plate, or you will be getting nothing but a stencil.

Send for a copy of "The Story of the Stencil." Also make application and receive one of our beautiful souvenirs—sent free. Agents wanted in all unoccupied territory. Pianos shipped direct to customers, freight and expenses prepaid. Easy payments. Remember the name.

BUSH & GERTS PIANO CO.
CHICAGO, ILL.



FORSALE BY C. H. REDDEN, DENTON MD.



We intend to devote our time & attention this year to the EYES.

OPTICAL WORK IS OUR SPECIALTY WE EXAMINE EYES FREE FIT & WORK & QUALITY THE BEST

If you wear spectacles come in and let us try and fit you with a pair



"ITSIT GRIP" Holds Without Hurting

T. W. Smith CO.,

Denton, - - - - - - Maryland.

The Baltimore News

AN INDEPENDENT NEWSPAPER

Published Every Afternoon, Including Sunday

A Newspaper for the Home, for the Family Circle

Covers thoroughly the news of the city, State and country.

Complete market reports.

Buy it from your local newsdealer or order it by mail.

One month	30c.	Six months	$1.75
Three months	90c.	One year	$3.50

The Baltimore News, Baltimore, Md.

Ayer's Hair Vigor

Ingredients: Sulphur. Glycerin. Quinia. Sodium Chlorid. Capsicum. Sage. Alcohol. Water. Perfume.

Anything injurious here? Ask your doctor.
Anything of merit here? Ask your doctor.
Will it stop falling hair? Ask your doctor.
Will it destroy dandruff? Ask your doctor.

Does not Color the Hair

J. C. AYER COMPANY, Lowell, Mass.

NEW BEAUTY COMPLEXION

Has created a furore among the

Beauty Seekers

Fascinated with

YAAK "SPECIAL"

The Newest Beautifier

Wonderful for Pimples, Coarse Pores, Freckles, and Blackheads

Plumps Wrinkles Out

KEEP YOUNG LOOKING FOR YEARS

An astonishing product for plumping out wrinkles, hollow cheeks, to a velvety, smooth, exquisite complexion, and keep young looking for years. The Chicago fair sex have suddenly become beautiful and fascinating.

Everywhere you look, walk or turn, you hear women and men talking—"Yaak." "Yaak." "YAAK" special. The Chicago beauty seekers have rushed about to get the latest beautifier called "Yaak." Judging from their desperate effort in the department stores and druggists, that "Yaak" (Special) is quickly gobbled up by the mad rush of women, and impossible to supply the enormous demand. "Yaak" is delicate, harmless and fascinating to the skin, absolutely free from dangerous drugs. "Yaak" (special) is purely vegetable Herbs, Oils of Nuts, Lily-bulb Juice, Cerasine, Olive Oils and Cocoanut Chips, which give the face a healthful, glowing appearance. Apply a little at night, and every morning; you will quickly see a surprising change. The newest, irresistible, brilliant complexion beautifier has suddenly made a tremendous stir among the wrinkled faces, pimply faces, freckled faces and coarse pores. It is said to be the greatest preparation in the wide world to remove forever those ugly facial blemishes, and with amazement, makes the face satin-smooth, plump, and pearly-white. For those who have pimples, blackheads, and coarse pores of long standing will be astonished how quickly they can get rid of those homely features with "YAAK" (Special). It never fails to give quick results. No samples given; the ingredients are special products. A large shipment of "Yaak" (special) reached Chicago, and it was quickly gobbled up in a few hours. Many disappointed women, failing to get it, left their names with cash for the next shipment of "Yaak" (special) expected in a few days. "Everything gone," "'Yaak' is all sold out," "Will have more in a few days," are the short answers from clerks. Many society women, beauty parlors, and residences have telephoned in their orders thick and fast to the department stores and druggists. Heavy mail orders from out-of-towns are coming in fast for "Yaak" (special) The demand has been enormous. "Yaak" (special) gives the face an extremely brilliant, fascinating, plump, youthful glow. An exquisite refined complexion. It comes in two sizes: $1.00 per box, and also 50 cents per box. But if your facial blemishes are of long standing, then get the larger size box, you will surely need it for permanent results. Your town druggists can probably get it for you from the wholesaler. Or else send your money orders to any of the Chicago business firms. Will be shipped to you promptly by mail.

Economical Drug Co. (Opposite Marshall Field Co.)
Siegel-Cooper Co.
The Public Drug Co.
Buck & Rayner's (3) Drug Stores.
Rothschild's big department store, and The BIG Palm Store—all big Chicago firms.

Local sales agents wanted for distributing "Yaak" (special). Write to the YAAK Mfg Co., department A. A., Chicago.

[mar.6-'13.8w

Established 1857

G. Ober & Sons Co.

Baltimore, Md.

FERTILIZERS

Standard of Quality

We are the oldest makers of Commercial Fertilizers in the United States. Our policy in making fertilizers is to secure a formula having the correct proportions of different high-grade raw materials combined to secure the largest possible yields. Our Guarantee of Analyses and constituent elements of fertilizers we offer can be implicitly relied upon. We aim to bring the plant to its maturity in a perfect healthy state.

For prices and terms write or call on our agent:

SOMERS BLAKE

Denton, Maryland

CASTORIA

For Infants and Children.

The Kind You Have Always Bought

Bears the Signature of *Chas. H. Fletcher*

M. D. & V. Railway Co.

Railway Division.

Schedule Effective November 25 1912.

EAST BOUND				WEST BOUND	
x 109	a 103	c 101		x 106	x102
P. M.	A. M.	A.M.		A. M.	P.M.
3.30	6.30		Lv. Baltimrre Ar.	11.50	
7.12	10.16	8.58	Denton	8.16	5.26
8.33	11.55	10.35	Ar. Lewes Lv.	6.45	3.50
P. M.	A. M.	A.M.		A.M.	P.M.

x. Daily, except Sunday; a. Monday only; c. Daily, except Sunday and Monday.

WILLARD THOMSON, Gen. Mgr. T. MURDOCH, Gen. Pass. Agt. I. E. JONES, Div. Pass. Agt.



The Best Investment for your family—only 4¢ a week

FOUR CENTS A WEEK
AND PLENTY FOR A FAMILY OF FIVE

THE YOUTH'S COMPANION

STORIES AND ARTICLES on sports and athletics for boys and young men.

STORIES AND ARTICLES for men and women in active employments; for invalids and shut-ins.

STORIES AND ARTICLES for busy mothers and for girls at school and college.

Nobody in the family is left out by The Companion. There's something for everybody from the youngest to the oldest.

COMING!

A GREAT SERIAL STORY,

by Holman F. Day, with the strange title, "On Misery Gore." Subscribe now and make sure of this remarkable story.

THE YOUTH'S COMPANION, Boston, Mass.

SUBSCRIPTIONS RECEIVED AT THIS OFFICE



"There!"

That's the Black and Yellow Sign that put me on the road to HEALTH through the use of

BLISS NATIVE HERBS

Unequalled for Catarrh, Rheumatism, Malaria, Constipation, Chills and Fever, Female Ills, Dyspepsia and Poor Blood. It is the Best Spring and Summer Medicine in the world, bar none; builds you up; makes pure blood, good health.

200 days' treatment $1.00, and the dollar back if not benefited.

For Sale By
SMITH GOOD, Denton, Md.

Electric Bitters

Made A New Man Of Him.

"I was suffering from pain in my stomach, head and back," writes H. T. Alster, Raleigh, N. C., "and my liver and kidneys did not work right, but four bottles of Electric Bitters made me feel like a new man." PRICE 50 CTS. AT ALL DRUG STORES.

For Sale or Rent.

Two 6-room and one 7-room dwellings on Fountain avenue, also the building recently used as a Restaurant on Third Street; also two rooms 20 x 45 feet over T. W. Smith's jewelry store, in Carter Block, all located in Denton.

One Farm of 175 acres, 135 acres of good arable land, $800 worth of timber. Good buildings. Known as the "Franklin Farm." 3 miles from Burrsville, Md. Price $25 per acre.

Farm of 47 acres, 30 acres good arable grain and grass land, located 1 mile of Hobbs, 3 miles of Denton, 4 room dwelling, necessary outbuildings. Splendid neighborhood and locality. Price $2,200.00.

Two tracts of 14 acres each and one of 16 acres Fisher Land, Suburbs of Denton, Md. Prices on the latter tracts right and terms reasonable.

Possession of town property Jan 1, 1913, and of farm lands at once if necessary.

JOHN T. CARTER,
Owner

FOLEY KIDNEY PILLS

FOR BACKACHE KIDNEYS AND BLADDER

©Maryland State Archives, msa_sc2929_scm3540-0097.jpg